



1875 - 1955

SPRING WHOLESALE TRADE LIST

February 5, 1955

OFFERING A LARGE ASSORTMENT
OF
GENERAL NURSERY STOCK

Order Now

PHONES 384—385

*Superior Quality and
Service Since 1875*



ESTABLISHED 1875

Mount Arbor Nurseries

• SHENANDOAH IOWA •

Terms and Conditions of Sale

TERMS—These terms are offered to those with established credit. One percent discount if paid on or before tenth of following month from date of invoice, and is due net thereafter. Otherwise, cash, security, or satisfactory references.

C.O.D. orders must be accompanied by one-fourth cash.

Interest charged on past due accounts.

ALL PRICES ARE NET, BOXING AND BALING EXTRA; NO CHARGE FOR PACKING BULK CARS.

PRICES named in this list are based upon present market conditions and are subject to change without notice. These are Wholesale Prices and apply upon the following quantities:

ROSES, SHADE TREES, PERENNIALS, PEONIES AND LILIES:

300 or more at 1,000 rate (where published)

30 to 300 at 100 rate

Under 30 at 10 rate

All grades and varieties in any one class (except Patented Varieties) allowed to make total. For example: All Roses except Patented Varieties are considered one class, etc.

FOR PATENTED ROSE PRICES SEE HEADING FOR THAT GROUP.

FRUIT TREE SEEDLINGS:

Under 300 or same variety and grade at 100 rate.

FALL AND SPRING BULBS

300 or more bulbs (not less than 50 of any one variety) at 1,000 rate

Under 300 bulbs at 100 rate

Note:—Classifications as given above are understood to be as listed under general headings in price list.

BROKEN LOTS—The Wholesale Prices in this list apply for wholesale quantities. Please order in such multiples as to avoid breaking bundles.

SHIPPING—Please give shipping instructions whether by freight or express and route. If no instructions are given we will forward to the best of our judgment, without assuming responsibility. **ALL GOODS TRAVEL AT THE PURCHASER'S RISK AND EXPENSE.**

TRUCK SERVICE—We are able to offer service within a radius of 300 to 500 miles from Shenandoah. Charges average about the same as railroad rates with delivery at your door. If interested write for further information.

CAUTION—We accept all orders subject to crop conditions and on condition that same shall be void should injury befall our stock from hail, fire, frost, error in count or other causes beyond our control. All orders are accepted without liability for non-performance if labor shortages or delay in transportation should prevent us from making delivery.

GUARANTEE OF GENUINNESS—If any nursery stock proves untrue to description or variety name under which it is sold, we hold ourselves in readiness, on proper proof, to replace such nursery stock that may prove untrue to description or name, or refund the original amount paid. We shall in no case be liable for any sum greater than the amount originally received for said nursery stock.

CLAIMS for any cause must be made promptly upon receipt of stock. We will not entertain claims after goods have been once accepted, or when report is not made within Ten Days after arrival of stock. We express or imply no warranty as to the productiveness or life of the nursery stock we sell and will not be in any way responsible for the results secured in transplanting.

SPECIAL NOTICE—Correspondents are requested to use their printed business letterheads. We do not quote prices to retail buyers. We use every effort to limit the distribution of trade prices to those whom we know to be entitled to receive them.



FEBRUARY 5, 1955

MOUNT ARBOR NURSERIES

G. L. WELCH, PRES.

F. E. HARTMAN, SECY.

R. M. GWYNN, TREAS.

HEIGHT AND CALIPER — Height given of fruit trees is approximate and represents average height of most varieties. Some slow growing kinds may fall short of height specified as it is intended that **THE CALIPER SHALL GOVERN**.

All Fruit Trees are tied 11-16 and 9-16, 10 per bundle; 7-16 and 5-16, 20 per bundle.

APPLE and CRAB

	Per 10	Per 100	Per 1000
First Class, 11-16 to 7-8 inch, 4½ feet and up.....	\$ 7.50	\$ 70.00	\$650.00
" " 9-16 to 11-16, 4 feet and up.....	6.50	60.00	550.00
" " 7-16 to 9-16, 3 feet and up.....	5.50	50.00	450.00
" " 5-16 to 7-16, 2 feet and up.....	4.00	35.00	320.00

Our apple assortment is now very limited, both as to varieties and grades. When ordering, advise if grade substitution is satisfactory, where necessary.

↘ Anoka	↘ Grimes Golden	↘ Staymans Winesap
↘ Beacon	↘ Lodi	↘ Tolman Sweet
↘ Cortland	↘ Macoun	↘ Turley
↘ Delicious	↘ Red Astrachan	↘ Victory
↘ Delicious Dark Red	↘ Red June	↘ Virginia Crab
↘ Dolgo Crab	↘ Redwell	↘ Whitney Crab
↘ Early Harvest	↘ Rome Beauty Red	↘ Winesap Crimson
↘ Fameuse	↘ Secor	↘ Yellow Transparent
↘ Gravenstein Red	↘ Staymans Red	

CHERRIES — Sour — On Mahaleb

	Per 10	Per 100	Per 1000
Two Years, 11-16 to 1-inch, 4 feet and up.....	\$11.00	\$100.00	\$
" " 9-16 to 11-16, 3½ feet and up.....	9.00	85.00	.....
" " 7-16 to 9-16, 3 feet and up.....	7.50	70.00	.....
" " 5-16 to 7-16, 2 feet and up.....	5.50	50.00

↘ Early Richmond	↘ English Morello	↘ Montmorency	↘ Royal Duke
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	Per 10	Per 100	Per 1000
One Year, 11-16 and up, 3½ feet and up.....	\$11.00	\$100.00	\$
" " 9-16 to 11-16, 3 feet and up.....	9.00	85.00
" " 7-16 to 9-16, 2½ feet and up.....	7.50	70.00	.....
" " 5-16 to 7-16, 2 feet and up.....	5.50	50.00

Early Richmond	English Morello	Montmorency	Royal Duke
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DWARF RICH CHERRY

Very bushy dwarf tree bearing bright red fruit of fine flavor and medium size. Extremely hardy. Also attractive ornamental tree as it is a solid mass of white flowers in early spring. 4 to 5 ft.

	Per 10	Per 100
2 to 3 feet.....	\$ 8.00	\$
18 to 24 inches.....	6.00	.....

**DWARF SOUR CHERRIES
NEW INTRODUCTIONS**

↘ **METEOR (Minn. No. 66)** — Cross of Montmorency x Shubianca seedling. Tree strong vigorous upright grower, large leaves resistant to leaf spot. Fruit very large. Color clear light red, skin thin. Stone small and free.

↘ **NORTH STAR (Minn. No. 58)** — Cross of Serbian pie cherry x English Morello. Relatively small tree. Fruit dark red at maturity, skin medium tender, flesh juicy. Stone small and free.

	Per 10	Per 100
11/16 and up, 3½ feet and up.....	\$14.00	\$125.00
9/16 to 11/16, 3 feet and up.....	11.00	100.00
7/16 to 9/16, 2½ feet and up.....	8.50	80.00
5/16 to 7/16, 2 feet and up.....	6.50	60.00

CHERRIES—(Continued)**CHERRIES — Sweet**

	Per 10	Per 100	Per 1000
One Year on Mahaleb			
11-16 and up, 4½ feet and up, mostly branched	\$14.00	\$125.00	\$1100.00
9-16 to 11-16, 4 feet and up, mostly branched	11.00	100.00	900.00
7-16 to 9-16, 3 feet and up, branched and whips	8.50	80.00	750.00
5-16 to 7-16, 2½ feet and up, mostly whips	6.00	55.00	500.00
↘ Bing ↘ Black Tartarian ↘ Kansas Sweet	↘ Lambert ↘ Napoleon ↘ Schmidt's Big	↘ Van ↘ Windsor ↘ Yellow Glass	

HANSEN'S BUSH CHERRY

	Per 10	Per 100	Per 1000
Improved besseyi, 3 to 4 feet, transplants	\$ 4.00	\$ 35.00	\$
" " 2 to 3 feet, "	2.90	25.00	220.00
" " 18 to 24 inches, "	2.40	20.00	.....
" " 12 to 18 inches, "	1.90	16.00	.....

NANKING CHERRY**(PRUNUS TOMENTOSA)**

Improved budded varieties producing an abundance of bloom. Heavy bearer. Flesh of fruit is meaty, juicy, sub acid flavor. Excellent for eating fresh or for jam and jelly.

	Per 10	Per 100	Per 1000
3 to 4 feet	\$11.00	\$100.00	\$
2 to 3 feet	8.00	75.00	.....
18 to 24 inches	6.50	60.00	.....
12 to 18 inches	4.50	40.00	.....
↘ Nanking No. 21			
↘ Nanking No. 41			
↘ Nanking No. 63 — Orient Cherry (Self Fertile)			

PEAR — Standard

	Per 10	Per 100	Per 1000
One and Two Years, 11-16 and up, 4½ feet and up	\$ 8.50	\$ 80.00	\$750.00
" " " " 9-16 to 11-16, 4 feet and up	7.50	70.00	650.00
" " " " 7-16 to 9-16, 3 feet and up	6.00	55.00	500.00
" " " " 5-16 to 7-16, 2 feet and up	4.00	35.00	.....
" " " " 7-8 inch and up, 5 feet and up	10.00	90.00	.....
↘ Bantam ↘ Bartlett, 7-16 and 5-16 only ↘ B. de Anjou ↘ Bierschmidt ↘ Clapp's Favorite	↘ Douglass ↘ Duchess ↘ Flemish Beauty ↘ Garber ↘ Gorham	↘ Kieffer ↘ Lincoln ↘ Mendel ↘ Parker ↘ Patten ↘ Seckel	

MAX-RED BARTLETT

Plant Patent No. 741

A new sport of Bartlett Pear that originated in the Northwest. The fruit carries a good all-over red color, keeps longer and ripens in regular Bartlett season. High quality.

	Per 10	Per 100
One and Two Years, 7-16 to 9-16, Branched, 3 feet and up	\$ 7.50	\$ 70.00
" " " " 5-16 to 7-16, Mostly Branched, 2 feet and up	6.50	60.00

QUINCE

	Per 10	Per 100	Per 1000
Two Years, 11-16 inch and up	\$11.00	\$100.00	\$ -----
Orange			

PLUM

	Per 10	Per 100	Per 1000
One and Two Years, 11-16 and up, 4½ feet and up	\$ 9.00	\$ 85.00	\$ -----
" " " " 9-16 to 11-16, 4 feet and up	8.00	75.00	-----
" " " " 7-16 to 9-16, 3 feet and up	6.50	60.00	-----
" " " " 5-16 to 7-16, 2 feet and up	4.50	40.00	-----

EUROPEAN, One and Two Years, on Myrobolan, all branched.

Blue Damson	Lombard	Shrop Damson
Italian Prune	Reino Claude	Stanley Prune
		Yellow Egg

JAPAN, One and Two Years, on Myrobolan, all branched.

Burbank

PLUM

	Per 10	Per 100	Per 1000
One Year, 7-16 to 9-16, 3 feet and up	\$ 6.50	\$ 60.00	\$ -----
One Year, 7-16 to 9-16, 3 feet and up	6.50	60.00	-----

AMERICAN and HARDY HYBRIDS, One Year, on Native Roots, branched.

Compass	Oka	Sapa
Goldenrod	Opata	Superior
Kahinta	Pipestone	Toka
LaCrescent	Red Coat	Underwood
Monitor	Red Wing	Waneta

PEACH

	Per 10	Per 100	Per 1000
One Year, 7-16 to 9-16, 3 feet and up	\$ 5.00	\$ 45.00	\$400.00
" " 5-16 to 7-16, 2 feet and up	3.80	33.00	300.00
" " 2 to 3 feet	2.10	18.00	-----

Belle of Georgia	Hale Haven	Rochester
Champion	Heath Cling	Shippers Late Red
Early Elberta	J. H. Hale	South Haven
Elberta	Mikado	Valian
Fairhaven	Polly	Vedette
Golden Jubilee		Veteran

NECTARINE

	Per 10	Per 100	Per 1000
One Year, 7-16 to 9-16, 3 feet and up	\$ 7.00	\$ 65.00	\$ -----
" " 5-16 to 7-16, 2 feet and up	5.00	45.00	-----
" " 2 to 3 feet	3.40	30.00	-----

Quetta

APRICOTS

APRICOTS						Per 10	Per 100	Per 1000
One Year,	7-16	to	9-16,	3 feet	and up	\$ 7.00	\$ 65.00	\$ -----
" "	5-16	to	7-16,	2 feet	and up	5.00	45.00	-----
↙ Chinese				↘ Moorpark		↘ Scout		
↙ Manchu				↘ Perfection		↘ Superb		
						↘ Tilton		

MULBERRY

	Per 10	Per 100	Per 1000
Russian, 6 to 8 feet, branched	\$ 8.00	\$ 75.00	\$ -----
" 5 to 6 feet, branched	6.50	60.00	-----
" 4 to 5 feet, branched	5.00	45.00	-----

SMALL FRUITS**GRAPE VINES—Western New York Grown**

Tied, 2 yr., 50; No. 2, 100 per bundle.

Per 100 Per 1000

✓ Agawam (Roger's 15) large, red, 2 years, No. 1	\$18.00	\$150.00
✓ " " " " 2 years, No. 2	14.00	120.00
✓ Beta, black, 2 years, No. 1	18.00	150.00
✓ " " 2 years, No. 2	14.00	120.00
✓ Brighton, dark red, 2 years, No. 2	18.00	150.00
✓ Concord, black, 2 years, No. 1	14.00	120.00
✓ " " 2 years, No. 2	10.00	90.00
✓ Delaware, red, 2 years, No. 1	22.00	200.00
✓ Fredonia, early, black, valuable, 2 years, No. 1	18.00	150.00
✓ Moore's Early, black, 2 years, No. 1	18.00	160.00
✓ Niagara, white, 2 years, No. 1	18.00	150.00
✓ " " 2 years, No. 2	14.00	120.00
✓ Portland, green, 2 years, No. 1	22.00	200.00
✓ " " 2 years, No. 2	18.00	160.00
✓ Sheridan, black, 2 years, No. 1	22.00	-----

GOOSEBERRIES

Tied, No. 1, 25; No. 2, 50 per bundle

Per 100 Per 1000

✓ Carrie, dark red, 2 years, No. 1	\$30.00	\$ -----
✓ " " " 2 years, No. 2	25.00	-----
✓ Champion, green, 2 years, No. 1	30.00	-----
✓ " " 2 years, No. 2	25.00	-----
✓ Houghton, dark-red, 2 years, No. 1	25.00	220.00
✓ " " 2 years, No. 2	20.00	180.00
✓ Pixwell, dark-red, 2 years, No. 1	35.00	-----
✓ " " " 2 years, No. 2	25.00	-----

CURRANTS

Tied, No. 1, 25; No. 2, 50 per bundle

Per 100 Per 1000

✓ Perfection, bright-red, 2 years, No. 1	\$18.00	\$160.00
✓ " " " 2 years, No. 2	14.00	120.00
✓ Red Lake, light red, 2 years, No. 1	18.00	160.00
✓ " " " 2 years, No. 2	14.00	120.00
✓ Wilder, dark red, 2 years, No. 1	16.00	140.00
✓ " " " 2 years, No. 2	12.00	100.00

RASPBERRIES

Tied 25 per bundle

Per 100 Per 1000

✓ Cumberland, black tips	\$ 6.50	\$ 60.00
✓ Indian Summer, red, everbearing, suckers, No. 1	9.00	85.00
✓ Latham, red, suckers, No. 1	8.00	75.00
✓ Logan, black tips	6.50	60.00
✓ Sodus, purple tips	8.00	70.00

SMALL FRUITS—Continued

RASPBERRIES—Continued

BLACK HAWK (AMES No. 20)

Introductory offer for spring 1955 through the co-operation of the research committee of the Iowa Nurseryman's Assn. and Iowa State College. Seedling cross of Quillen x Black Pearl.

Plant vigorous and hardy. Heavy foliage. Fruit - Midseason, large, glossy black, firm, picks easily, and does not crumble. Quality very good.

	Per 100	Per 1000
No. 1 tips	\$20.00	\$175.00

NEW INTRODUCTIONS

New red Everbearing varieties. Healthy, hardy, vigorous growers and heavy producers. The canes grow 3 to 3½ feet tall, upright, ideal for picking.

	Per 100	Per 1000
✓ Durham, red No. 1 Suckers	\$16.00	\$140.00
✓ September, red No. 1 Suckers	16.00	140.00

BLACKBERRIES — Root Cutting Plants, No. 1

Tied 25 per bundle

	Per 100	Per 1000		Per 100	Per 1000
✓ Alfred	\$ 5.60	\$ 50.00	✓ Eldorado	\$ 5.60	\$ 50.00

MISCELLANEOUS BERRIES

Tied 25 per bundle

	Per 100	Per 1000
✓ Boysenberrries, tip plants, No. 1	\$ 6.50	\$ 60.00
✓ Boysenberry, Thornless, tip plants, No. 1	7.00	65.00
✓ Lucretia Dewberries, tips, No. 1	5.00	45.00

MISCELLANEOUS

	Per 100	Per 1000
Asparagus, Mary Washington, 2 year	\$ 2.50	\$ 22.00
" " " 1 year	1.80	15.00
" " " 3 year	3.70	32.00
" Paradise, 2 year	2.50	22.00
" " 1 year	1.80	15.00
" " 3 year	3.70	32.00
Horseradish, Crowns	6.50	60.00
Rhubarb, Victoria, whole roots, 1/2 to 5/8 inch	4.00	35.00
" " " " 5/8 to 1 inch	5.00	45.00
" " " " 1 to 1½ inch	6.50	60.00

	Per 10	Per 100
Rhubarb, Chipman's Red, grown from divisions	\$ 4.50	\$ 40.00

FRUIT TREE STOCKS

WESTERN GROWN—Our experience has demonstrated that due to favorable climatic conditions western seedlings are superior for planting. We are using all western grown Apple Seedlings for our grafting and for budding stocks. Also use the other varieties of western grown Fruit Tree Stocks for our own budding.

APPLE SEEDLINGS—Washington Grown

Per 100 Per 1000

Our Washington Grown Apple Seedlings are making a splendid growth and will be of excellent quality. They will be dug when well ripened, carefully graded, and will please.

No. 3, about 2/16 inch	\$ 2.10	\$ 18.00
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APRICOT SEEDLINGS—Shenandoah Grown.

2 to 3 feet, 3/8 inch and up	6.50	60.00
18 to 24 inches, 1/4 to 3/8 inch	4.50	40.00
12 to 18 inches, 3/16 to 1/4 inch	3.50	30.00

MAHALEB SEEDLINGS—Washington Grown

No. 1, 3/16 to 1/4 inch	3.80	33.00
No. 2, 2/16 to 3/16 inch	2.90	25.00
No. 3, about 2/16 inch	2.10	18.00

MAZZARD SEEDLINGS—Washington Grown

No. 1, 3/16 to 1/4 inch	3.80	33.00
No. 2, 2/16 to 3/16 inch	2.90	25.00
No. 3, about 2/16 inch	2.10	18.00

PEAR SEEDLINGS—Washington Grown

BARTLETT

No. 1, 3/16 to 1/4 inch, Branched	3.80	33.00
No. 1, 3/16 to 1/4 inch, Straight	3.80	33.00
No. 2, 2/16 to 3/16 inch, Branched	2.90	25.00
No. 2, 2/16 to 3/16, Straight	2.90	25.00
No. 3, about 2/16 inch	2.10	18.00

PLUM MYROBOLAN—Washington Grown

No. 3, about 2/16 inch	2.10	18.00
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PLUM NATIVE—Shenandoah Grown

No. 1, 3/16 to 1/4 inch	4.50	40.00
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If interested in quantity lots of Fruit Tree Seedlings, write for special prices.

ROSE STOCKS

Multiflora Japonica

Per 100 Per 1000

We offer the following Thorny Multiflora Japonica Seedlings for spring shipment only. These seedlings are grown from seed collected from types adapted for hardiness and hedge fences.

1/4-inch and up	\$ 5.00	\$ 45.00
No. 1, 3-16 to 1-4 inch	4.50	40.00
No. 2, 2-16 to 3-16 inch	3.20	28.00
No. 3, about 2-16 inch	2.40	20.00

DECIDUOUS TREES and ORNAMENTAL SEEDLINGS

Our seedlings are graded not only by height but particular attention is given to caliper, which insures a strong grade.

Tied 3-4 ft. and up 25; 2-3 ft., 50; 18-24 in. and smaller, 100 per bundle.

ASH, GREEN, <i>Fraxinus lanceolata</i>	Per 100	Per 1000
6 to 12 inches	\$ 1.20	\$ 10.00
12 to 18 inches	1.90	16.00
18 to 24 inches	2.90	25.00
2 to 3 feet	4.00	35.00
BOX ELDER, <i>Acer negundo</i>		
6 to 12 inches	1.20	10.00
12 to 18 inches	1.90	16.00
18 to 24 inches	2.90	25.00
2 to 3 feet	4.00	35.00
3 to 4 feet	5.60	50.00
4 to 5 feet	8.50	75.00
CARAGANA arborescens. Siberian Pea-Tree		
6 to 12 inches	2.10	18.00
12 to 18 inches	3.50	30.00
18 to 24 inches	4.50	40.00
2 to 3 feet	6.00	55.00
3 to 4 feet	9.00	80.00
CATALPA speciosa, Western Catalpa		
6 to 12 inches	1.20	10.00
12 to 18 inches	1.80	15.00
18 to 24 inches	2.60	22.00
ELM, AMERICAN WHITE, <i>Ulmus americana</i>		
6 to 12 inches	1.20	10.00
12 to 18 inches	1.90	16.00
18 to 24 inches	2.60	22.00
2 to 3 feet	3.50	30.00
3 to 4 feet	4.50	40.00
4 to 5 feet	7.50	65.00
5 to 6 feet	12.00	100.00
ELM, CHINESE, <i>Ulmus pumila</i>		
We have a splendid lot of Chinese Elm seedlings in all grades, graded by height and caliper, making a strong grade. All seedlings for spring trade will be spring dug.		
6 to 12 inches	1.20	10.00
12 to 18 inches	2.10	18.00
18 to 24 inches	2.90	25.00
2 to 3 feet	4.50	40.00
3 to 4 feet	7.50	65.00
4 to 5 feet	12.00	100.00
5 to 6 feet	19.00	160.00
ELM, ENGLISH, <i>Ulmus Campestris</i>		
9 to 12 inches	3.50	30.00
12 to 18 inches	5.00	45.00
18 to 24 inches	7.00	60.00
HONEYSUCKLE, Tatarian, <i>Lonicera tatarica</i>.		
6 to 9 inches	4.00	35.00
9 to 12 inches	5.60	50.00
12 to 18 inches	7.50	65.00
18 to 24 inches	11.00	100.00

DECIDUOUS TREES AND ORNAMENTAL SEEDLINGS—Continued

LOCUST, BLACK or YELLOW, <i>Robinia pseudoacacia</i>	Per 100	Per 1000
6 to 12 inches	\$ 1.00	\$ 9.00
12 to 18 inches	1.70	14.00
18 to 24 inches	2.40	20.00
2 to 3 feet	3.20	28.00
3 to 4 feet	4.50	40.00
4 to 5 feet	6.50	60.00
LOCUST HONEY, <i>Gleditsia triacanthos</i>		
2 to 3 feet	4.00	35.00
3 to 4 feet	6.50	60.00
4 to 5 feet	10.00	90.00
LOCUST HONEY, Thornless, <i>Gleditsia triacanthos inermis</i>		
6 to 12 inches	1.70	14.00
12 to 18 inches	2.40	20.00
18 to 24 inches	3.50	30.00
2 to 3 feet	5.00	45.00
3 to 4 feet	8.00	70.00
MAPLE SILVER LEAVED, <i>Acer dasycarpum (saccharinum)</i>		
6 to 12 inches	1.70	14.00
12 to 18 inches	2.50	22.00
18 to 24 inches	4.00	35.00
2 to 3 feet	5.50	50.00
MULBERRY, Russian, <i>Morus tatarica</i>		
6 to 12 inches	1.20	10.00
12 to 18 inches	1.90	16.00
18 to 24 inches	2.90	25.00
2 to 3 feet	4.50	40.00
3 to 4 feet	6.50	60.00
OSAGE ORANGE, <i>Maclura pomifera</i>		
6 to 12 inches	1.20	10.00
12 to 18 inches	1.80	15.00
18 to 24 inches	2.40	20.00
PECAN HARDY, <i>Carya illinoensis</i>		
9 to 12 inches	5.00	45.00
12 to 18 inches	8.00	70.00
PRUNUS serotina, Wild Black Cherry		
2 to 3 feet	5.50	50.00
18 to 24 inches	4.00	35.00
12 to 18 inches	2.90	25.00
RUSSIAN OLIVE, <i>Elaeagnus angustifolia</i>		
18 to 24 inches	5.00	45.00
2 to 3 feet	7.50	65.00
3 to 4 feet	10.00	90.00
4 to 5 feet	16.00	140.00
WALNUT BLACK, <i>Juglans nigra</i>		
12 to 18 inches	3.50	30.00
2 to 3 feet	7.00	60.00
3 to 4 feet	10.00	90.00
4 to 5 feet	14.00	120.00

ONE YEAR FROM CUTTINGS**POPLAR, *Populus***

	Per 100	Per 1000
Lombardy, lightly branched, 4 to 5 feet	\$12.00	\$100.00
" " " 5 to 6 feet	16.00	140.00
" " " 6 to 8 feet	25.00	210.00

DECIDUOUS TREES

Our Shade and Ornamental Trees are first class, well shaped, young and vigorous nursery grown trees with good roots. They have been grown from seedlings transplanted in nursery row especially for this purpose.

All calipers taken 6 inches above the collar.

ASH, Green, *Fraxinus pennsylvanica lanceolata*, 50-60 ft. Per 10 Per 100 Per 1000

Thrives over a wide territory. Especially valuable for planting in high altitudes and dry cold climates. Succeeds everywhere. Valuable on the farm.

4 to 5 feet	\$ 8.00	\$ 75.00	\$
5 to 6 feet	11.00	100.00	

BIRCH, Cutleaf Weeping, *Betula pendula laciniata*. 30-40 ft.

A graceful white barked tree with drooping limbs and cutleaf foliage. Highly recommended for lawn and park planting.

3 to 4 feet	9.00	85.00	
4 to 5 feet	14.00	125.00	
5 to 6 feet	16.50	150.00	
6 to 8 feet	22.00	200.00	

European White, *Betula pendula (alba)*. 30-40 ft.

A hardy attractive tree with white bark.

4 to 5 feet	8.00	75.00	
5 to 6 feet	12.00	110.00	

BOX ELDER, See Maple.

CATALPA Speciosa, Western Catalpa. 30-35 ft.

Well known hardy tree. White flowers, May-June.

4 to 5 feet, mostly whips	4.50	40.00	
5 to 6 feet, mostly whips	6.50		

CHERRY, Kwanzan. 10-15 ft.

Beautiful double, dark pink, late flowers. Planted freely in the east and south.

5 to 6 feet	28.00	250.00	
6 to 8 feet	35.00	300.00	

COTTONWOOD, See Poplar.

✓ HOPA RED FLOWERING CRAB

A beautiful, upright growing tree with attractive foliage. Entirely covered with crimson buds opening to rose colored flowers in April. Fruits red inside and out, hanging on until late Autumn. Very hardy and free from disease. Planted extensively.

	Per 10	Per 100	Per 1000
5 to 6 feet	\$12.00	\$110.00	\$
6 to 8 feet	15.00	135.00	

DECIDUOUS TREES—Continued

CRAB, FLOWERING—Continued

CRAB, Flowering Malus. 15-30 ft.	Per 10	Per 100	Per 1000
2 to 3 feet	\$ 5.50	\$ 50.00	\$ -----
3 to 4 feet	8.50	80.00	-----
4 to 5 feet	12.00	110.00	-----
5 to 6 feet	15.00	135.00	-----
6 to 8 feet	19.00	175.00	-----

- ✓ coronaria, wild sweet crab. 25-30 ft.
White with pink flowers, delicately fragrant. Native American species.
- ✓ Eley Flowering Crab, purpurea eleyi. 25-30 ft.
Attractive reddish foliage in spring. Single pink flowers followed by showy red fruit.
- ✓ floribunda, Japanese Flowering Crab. 25-30 ft.
Pink buds, rosy-white flowers, small yellow fruit. Early.
- floribunda purpurea, Purple Crab. 25-30 ft.
Attractive red foliage in spring. Single crimson flowers.
- Mount Arbor Special. 18-20 ft.
This desirable flowering crab produces an abundance of crimson flowers, purple fruit, with brilliant reddish-purple foliage, brighter in color than other varieties.
- Parkman, halliana parkmani. 12-15 ft.
Semi-double, pink flowers on long stems. Compact habit of growth. Dwarf. April-May.
- ✓ Red Silver. 18-20 ft.
Fruit rich maroon red, foliage somewhat cut-leaved with silver and red color. A remarkable combination. Flower crimson.
- ✓ Redvein Crab, niedzwetzkyana. 20-25 ft.
A large growing Russian Turkestan variety. Has remarkable large red flowers in April followed by large purplish-red fruit and leaves.

	6/8'	5/6'	4/5'	3/4'	2/3'
Coronaria	X	X	X	X	---
Eley	X	X	X	X	--
floribunda	--	X	X	X	X
floribunda purpurea	X	X	X	X	--
Mount Arbor Special	X	X	X	X	--
Parkmani	X				--
Red Silver	X	X	X	X	X
✓ Redvein	X	X	X	X	--

X indicates grades available.

RECENT INTRODUCTIONS
ROSY BLOOM VARIETIES

	Per 10	Per 100	Per 1000
5 to 6 feet	\$ 19.00	\$175.00	\$ -----
6 to 8 feet	24.00	-----	-----

- ✓ Cowichan
Early flowering. It blooms profusely every year and bears a good crop of spectrum-red fruits which make good jelly. The foliage is brilliantly colored in autumn.
- ✓ Jay Darling. 15-20 ft.
Light purplish red flowers. Fruit dark purplish red. 1". Medium to large tree with round head.
- M-25
A graceful pyramidal type of tree with slender graceful branches reminding one of the C.L.W. Birch. Rich rosy bloom, fine in bud. Could be used anywhere one could place a Cut Leaf Birch.

	6/8'	5/6'
Cowichan	X	X
Jay Darling	--	X
M-25	X	X

X indicates grades available.

DECIDUOUS TREES—Continued

CRAB, Flowering—Continued

FLOWERING CRAB SHRUB FORM					
The following varieties are available in shrub or bush form. They are excellent plants for landscape planting or for listing in mail order catalogues.					
		Per 10	Per 100	Per 1000	
18 to 24 inches		\$ 4.00	\$ 35.00	\$ -----	
2 to 3 feet		5.50	50.00	-----	
3 to 4 feet		8.00	75.00	-----	
4 to 5 feet		11.00	100.00	-----	
5 to 6 feet		15.00	135.00	-----	
	5/6'	4/5'	3/4'	2/3'	18/24"
Eley	X	X	X	X	--
Hopa	X	X	X	--	--
Red Silver	--	--	X	X	X
X indicates grades available.					

CRAB, Bechtel Malus, ioensis plena. 12-15 ft.

A beautiful double pink, flowering crab with fragrant flowers. May-June.

	Per 10	Per 100	Per 1000
2 to 3 feet	\$ 6.50	\$ 60.00	\$ -----
3 to 4 feet	10.00	90.00	-----
4 to 5 feet	15.00	135.00	-----

Bechtel, Klehm's Improved 15-18 ft.

An improved strain of Bechtel crab. Slightly faster grower, larger leaves and not so susceptible to cedar rust.

5 to 6 feet	19.00	175.00	-----
6 to 8 feet	22.00	200.00	-----

ELM, American White, Ulmus americana. 60-100 ft.

The most popular American tree for street and general planting.

4 to 5 feet	4.50	40.00	-----
5 to 6 feet	7.00	65.00	-----
6 to 8 feet	11.00	100.00	-----
8 to 10 feet	16.50	150.00	-----
1¼ to 1½ inches	22.00	200.00	-----
1½ to 1¾ inches	33.00	300.00	-----

American Pyramidal, ulmus americana pyramidalis. 40-50 ft.

Upright, closely branched type of American Elm, medium sized, green leaves. Suitable for street and boulevard planting.

5 to 6 feet	13.50	-----	-----
6 to 8 feet	17.50	-----	-----
8 to 10 feet	25.00	-----	-----
1¼ to 1½ inches	30.00	-----	-----
1½ to 1¾ inches	40.00	-----	-----

Chinese, Ulmus pumila, Siberian Elm. 50-75 ft.

A hardy, rapid grower, slender branches, compact habit of growth with small attractive leaves. Highly recommended for dry climate.

4 to 5 feet	4.00	35.00	300.00
5 to 6 feet	6.50	60.00	550.00
6 to 8 feet	10.00	90.00	-----
8 to 10 feet	14.00	125.00	-----
1¼ to 1½ inches	22.00	200.00	-----
1½ to 1¾ inches	35.00	300.00	-----
1¾ to 2 inches	40.00	350.00	-----

DECIDUOUS TREES—Continued

ELM—Continued

CHINESE ELM			
Root Pruned Trees			
Have been grown in wide rows and thinned out to develop branched tops. All have been root pruned to secure a branched root system, and they will be graded by caliper and height. Are good value.			
	Per 10	Per 100	Per 1000
4 to 5 feet, 7-16 to 9-16 inches	\$ 3.50	\$ 30.00	\$ -----
5 to 6 feet, 9-16 to 11-16 inches	5.00	45.00	-----
6 to 8 feet, 11-16 to 7-8 inches	7.00	65.00	-----
8 to 10 feet, 7/8 to 1 inch	10.00	90.00	-----

Lake City. 70-90 ft.

Upright, closely branched type of American Elm, large green leaves, larger than Moline, suitable for street and boulevard planting. Highly recommended.

	Per 10	Per 100	Per 1000
4 to 5 feet	\$ 8.00	\$ 75.00	\$ -----
5 to 6 feet	11.00	100.00	-----
6 to 8 feet	15.00	135.00	-----

Moline, *Ulmus molini*. 80-100 ft.

A pyramidal, vigorous growing variety with large, handsome green foliage. Fine tree for street and drive planting.

4 to 5 feet	8.00	75.00	-----
5 to 6 feet	11.00	100.00	-----
6 to 8 feet	15.00	135.00	-----
8 to 10 feet	22.00	200.00	-----
1¼ to 1½ inches	30.00	275.00	-----
1½ to 1¾ inches	42.50	-----	-----

Vase, *Ulmus urni*. 80-100 ft.

An American Elm with vase formation of limbs. Uniform type, rapid grower. Distinct improvement.

4 to 5 feet	8.00	75.00	-----
5 to 6 feet	11.00	100.00	-----
6 to 8 feet	15.00	135.00	-----
8 to 10 feet	22.00	200.00	-----
1¼ to 1½ inches	30.00	275.00	-----
1½ to 1¾ inches	42.50	-----	-----

HACKBERRY, *Celtis occidentalis*. 50 ft.

A valuable shade tree of rapid spreading growth. Limbs seldom broken by wind.

4 to 5 feet	8.00	75.00	-----
5 to 6 feet	11.00	100.00	-----
8 to 10 feet	27.50	-----	-----
1½ to 1¾ inches	45.00	-----	-----

HONEYLOCUST, *Gleditsia triacanthos*. 50-60 ft.

A thorny tree with attractive pinnate leaves. Fragrant white flowers in May. Long lived, hardy tree. Succeeds on most kinds of soil. Not affected by borers or drought.

4 to 5 feet	6.50	60.00	-----
5 to 6 feet	11.00	100.00	-----
6 to 8 feet	16.50	150.00	-----
8 to 10 feet	25.00	225.00	-----

DECIDUOUS TREES—Continued

HONEYLOCUST—Continued

Thornless, *Gleditsia Triacanthos inermis*. 50-60 ft.

A variety of <i>Triacanthos</i> without thorns.	Per 10	Per 100	Per 1000
4 to 5 feet.....	\$ 8.00	\$ 75.00	\$

MORAINÉ LOCUST
(Plant Patent No. 836)

This new shade tree, developed by The Siebenthaler Company, is thornless and seedless. Resistance to disease and insect damage. Absence of seed pods and the quick crumbling of Moraine Locust leaves make this tree ideal from the garden maintenance standpoint.

ONE YEAR TOP, 3 YEAR ROOT, ONCE TRANSPLANTED.

	10-49	50-499
	Each	Each
7 to 8 feet, whips.....	\$ 3.35	\$
7 to 8 feet, branched.....	4.50	.....

KENTUCKY COFFEETREE, *Gymnocladus dioicus*. 50-70 ft.

Light blue green fern-like foliage. Very picturesque even in winter. White flowers, June.

	Per 10	Per 100	Per 1000
4 to 5 feet.....	\$16.50	\$..	\$

LINDEN, American, *Tilia americana*. 60-90 ft.

Rapid growing tree. Large, glossy leaves, fragrant, yellow flowers. June.

4 to 5 feet.....	9.00	85.00
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LOCUST, Black or Yellow, *Robinia pseudoacacia*. 50-80 ft.

A valuable heat and drought resisting tree. Fragrant white flowers in May followed by small dark seed pods in the autumn.

4 to 5 feet.....	5.50	50.00	.....
5 to 6 feet.....	8.00	75.00	.....
6 to 8 feet	11.00	100.00	.....

MAGNOLIA *soulangeana*, Saucer Magnolia (Available Spring only.)

The well-known shrub Magnolia, whose large fragrant blooms appear before the leaves. Symmetrical upright grower of excellent habit. Flowers open light purple at base, shading to pink at tips, with inside of petals clear pink to white. One of our most beautiful ornamentals. 20 feet.

	Per 10	Per 100	Per 1000
2 to 3 feet, (BALLED IN MOSS).....	\$25.00	\$225.00	\$
3 to 4 feet, " " ".....	38.50	350.00	.....
*2 to 3 feet, (BALLED AND BURLAPPED).....	45.00	.....	.....
*3 to 4 feet, " " ".....	60.00	.....	.....
*4 to 5 feet, " " ".....	75.00	.....	.....
*5 to 6 feet, " " ".....	100.00	.....	.....

soulangeana nigra, Purple Lily Magnolia. (Available Spring only.)

Flowers are very dark in the bud, opening to a deep purplish-red. Late bloomer. Compact habit of growth. 12 ft.

2 to 3 feet, (BALLED IN MOSS).....	25.00	225.00	.....
3 to 4 feet, " " ".....	38.50	350.00	.....
*2 to 3 feet, (BALLED AND BURLAPPED).....	45.00	.....	.....
*3 to 4 feet, " " ".....	60.00	.....	.....

*FOR SHIPMENT FROM ST. JOSEPH, MO.

MAPLE, Amur, *Acer ginnala*. 20-25 ft.

Large shrub or small tree. Yellowish fragrant flowers. April-May. Leaves and seed pods attractive in fall.

18 to 24 inches.....	\$ 6.50	\$ 60.00	\$
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DECIDUOUS TREES—Continued

MAPLE—Continued

Box Elder, Negundo. 40-50 ft.		Per 10	Per 100	Per 1000
Hardy, rapid growing tree with bright green foliage.				
4 to 5 feet	-----	\$ 5.50	\$ 50.00	\$ -----
5 to 6 feet	-----	8.00	75.00	-----
6 to 8 feet	-----	14.00	-----	-----
8 to 10 feet	-----	19.00	-----	-----

Norway, Acer platanoides. 50-60 ft.				
Hardy, popular trees. Fine for park and street planting. Spreading habit.				
3 to 4 feet, whips	-----	3.50	30.00	-----
4 to 5 feet, whips	-----	5.50	50.00	450.00
5 to 6 feet, whips	-----	8.00	75.00	700.00
6 to 7 feet, whips	-----	11.00	100.00	900.00
7 to 8 feet, whips	-----	15.00	135.00	-----
8 to 9 feet, whips	-----	17.50	160.00	-----
5 to 6 feet, branched	-----	16.50	150.00	-----
6 to 8 feet, branched	-----	25.00	-----	-----
8 to 10 feet, branched	-----	32.50	-----	-----
1¼ to 1½ inches	-----	40.00	-----	-----

Schwedler, Acer platanoides schwedleri. 40-50 ft.				
Very popular because of its reddish-purple leaves in the spring.				
4 to 5 feet, whips	-----	11.00	100.00	-----
5 to 6 feet, whips	-----	15.00	135.00	-----
6 to 7 feet, whips	-----	19.00	175.00	-----
7 to 8 feet, whips	-----	22.00	200.00	-----
8 to 9 feet, whips	-----	28.00	250.00	-----
5 to 6 feet, branched	-----	22.00	200.00	-----
6 to 8 feet, branched	-----	32.50	300.00	-----
8 to 10 feet, branched	-----	40.00	375.00	-----
1¼ to 1½ inches	-----	50.00	-----	-----

Silver, Acer saccharinum (dasycarpum) 60-80 ft.				
Well known, rapid growing tree. Leaves silver underneath.				
4 to 5 feet	-----	5.50	50.00	-----
5 to 6 feet	-----	8.00	75.00	-----
6 to 8 feet	-----	14.00	125.00	-----
8 to 10 feet	-----	19.00	-----	-----

OAK, Pin, Quercus palustris. 70-80 ft.				
Of rapid growth. Leaves deeply cut and colors beautiful in autumn. Transplants more readily than most varieties.				
3 to 4 feet	-----	8.50	80.00	-----
4 to 5 feet	-----	14.00	125.00	-----

White, Quercus Alba. 60-80 ft.				
A rugged Oak of slow growth making a large, magnificent tree.				
5 to 6 feet	-----	19.00	-----	-----

POPLAR, Bolleana, alba bolleana, Silver Leaved. 50-60 ft.				
A rapid growing columnar tree with silvery foliage.				
4 to 5 feet, whips	-----	3.50	30.00	-----
5 to 6 feet, whips	-----	5.50	50.00	-----
6 to 8 feet, whips	-----	8.50	80.00	-----
8 to 10 feet, whips	-----	14.00	125.00	-----

DECIDUOUS TREES—Continued

POPLAR—Continued

Carolina, (Norway Variety.) 75-100 ft.

A rapid grower. Succeeds over a wide territory. We are growing Norway, an improved type of Carolina.

	Per 10	Per 100	Per 1000
3 to 4 feet	\$ 2.90	\$ 25.00	\$
4 to 5 feet	3.50	30.00	
5 to 6 feet	4.50	40.00	
6 to 8 feet	6.50	60.00	

Lombardy, nigra italica. 60-80 ft.

Tall grower, pyramidal. Valuable for landscape work and screens. Low branched.

4 to 5 feet, low branched	2.50	21.00	190.00
5 to 6 feet, " "	3.20	28.00	250.00
6 to 8 feet, " "	4.40	38.50	
8 to 10 feet, " "	6.00	55.00	
1¼ to 1½ inches, low branched	7.00	65.00	
1½ to 2 inches, " "	10.00		

Simoni, Chinese Polar. 40-50 ft.

Hardy, pyramidal tree. Habits similar to Lombardy. Foliage not as dense and lighter color.

4 to 5 feet	4.50	40.00	
5 to 6 feet	6.50	60.00	
6 to 8 feet	9.00	85.00	
8 to 10 feet	14.00	125.00	

NEW VARIETIES

We have selected the following varieties of Poplar as outstanding for street and shade tree planting in sections where large variety selections are not adapted. These new varieties are of the Populus nigra family and do well in hot, arid sections.

	Per 10	Per 100	Per 1000
4 to 5 feet	\$ 5.50	\$ 50.00	\$
5 to 6 feet	6.50	60.00	
6 to 8 feet	10.00	90.00	
8 to 10 feet	14.00	125.00	

Poplar, deltoides missouriensis

Large bright green leaves. More upright growth and desirable for street or parkway planting.

marilandica

Largest leaves of the new varieties, light green. More moderate grower with bright green new growth. Spreading habit.

serotina

Smaller bright green leaves measuring 4 to 5 inches. New growth showing distinct reddish brown color. Spreading habit and fast grower.

PRUNUS, Ornamental Plum.

Per 10 Per 100 Per 1000

↙ cistena, Hansen's Purple Leaved Plum. 5-6 ft.

A dwarf variety with rich purple red foliage. Bush form.

12 to 18 inches	\$ 4.00	\$ 35.00	\$
18 to 24 inches	6.50	60.00	
4 to 5 feet	14.00	125.00	

↙ Hansen Bush Cherry. 6-7 ft.

An improved Prunus besseyi; very productive and extremely hardy.

12 to 18 inches, transplants, branched	1.90	16.00	
18 to 24 inches, " "	2.40	20.00	
2 to 3 feet, " "	2.90	25.00	220.00
3 to 4 feet, " "	4.00	35.00	

DECIDUOUS TREES—Continued

PRUNUS—Continued

Newport, purple Leaved (Bush form). 15-20 ft.		Per 10	Per 100	Per 1000
Hardy upright grower. Foliage reddish purple with bright red tips.				
2 to 3 feet (Shrub Form)		\$ 8.00	\$ 75.00	\$ -----
3 to 4 feet	" "	11.00	100.00	-----
4 to 5 feet	" "	14.00	125.00	-----
5 to 6 feet	" "	19.00	175.00	-----
3 to 4 feet (Tree Form)		11.00	100.00	-----
4 to 5 feet	" "	14.00	125.00	-----

persica, Flowering Peach. 15-20 ft.

An early blooming, double flowering peach.

2 to 3 feet	4.50	40.00	-----
3 to 4 feet	6.50	60.00	-----
4 to 5 feet	9.00	85.00	-----
5 to 6 feet	14.00	125.00	-----

Camelliaeflora, Late Red
Helen Borchers, Clear Pink

Iceberg, Early Snow-white
Peppermint Stick, Bi-color
Red Flowering, Double Red

DWARF PEACH-MANDARIN

Chinese DWARF PEACH. Maximum height about 4 feet. Double red flowers.
Medium sized fruit.

	Per 10	Per 100	Per 1000
6 to 9 inches	\$ 6.50	\$ -----	\$ -----
9 to 12 inches	9.00	-----	-----
12 to 15 inches	12.50	-----	-----

↘RUTGERS RED-LEAVED FLOWERING PEACH

Ornamental tree with red foliage. Single pink flowers. Fruit, red 1½ inches in diameter, white flesh.

	Per 10	Per 100	Per 1000
2 to 3 feet	\$ 6.50	\$ 60.00	\$ -----
3 to 4 feet	9.00	80.00	-----

thundercloud. 10-12 ft.		Per 10	Per 100	Per 1000
The finest of all purple leaf plum. Very hardy.				
18 to 24 inches		\$ 6.50	\$ 60.00	\$ -----
2 to 3 feet		8.00	75.00	-----

tomentosa, Nanking Cherry. 10-12 ft.				
Very hardy variety, remarkably showy flowers and fruit of finest flavor. For jams and preserves it is unexcelled.				
12 to 18 inches		2.40	20.00	-----
18 to 24 inches		3.50	30.00	-----
2 to 3 feet		5.50	50.00	-----
3 to 4 feet		8.00	75.00	-----

triloba, Flowering Plum. 8-10 ft.

A handsome hardy, vigorous, large shrub or small tree with double pink flowers in April-May. Will succeed over a wide territory. Bush form.

12 to 18 inches	4.00	35.00	-----
18 to 24 inches	6.50	-----	-----
2 to 3 feet	8.00	-----	-----
3 to 4 feet	11.00	-----	-----
4 to 5 feet	14.00	-----	-----

DECIDUOUS TREES—Continued

RED BUD, <i>Cercis canadensis</i>. 20-30 ft.		Per 10	Per 100	Per 1000
Very attractive, rosy pink almost red flowers in April.				
12 to 18 inches		\$ 2.10	\$ 18.00	\$..
18 to 24 inches		3.50	30.00	..
2 to 3 feet		5.50	50.00	----

RUSSIAN OLIVE, <i>Elaeagnus angustifolia</i> (tree form) 20-25 ft.				
Attractive silver gray leaves, grayish white berries. Desirable for mass plantings. Used frequently for hedges and windbreak. Hardy.				
4 to 5 feet		8.50	80.00	
5 to 6 feet		12.50	115.00	..

THORN, <i>crusgalli</i>, Cockspur Thorn. 20-25 ft.				
Deep green shiny leaved distinctive Hawthorn. Conspicuous white flowers, red fruit, long thorns.				
3 to 4 feet		22.00	-----	----
4 to 5 feet		27.50	250.00	----
5 to 6 feet		35.00	325.00	----
6 to 8 feet		55.00	500.00	----

<i>crusgalli inermis</i>, Thornless Cockspur Thorn 20-25 ft.				
Same habit of growth, flowers and fruit as preceding variety, but without thorns.				
4 to 5 feet		27.50	250.00	----
5 to 6 feet		35.00	325.00	----
6 to 8 feet		55.00	500.00	----

Pauls Scarlet Hawthorne, <i>Oxycantha pauli</i>. 15-20 ft.				
Produces brilliant double scarlet flowers in June.				
3 to 4 feet		14.00	-----	----

<i>Prunifolia</i>, Plumleaf Hawthorn. 30 ft.				
Branches spreading or somewhat ascending, spiny. Fruit, red. May-June.				
3 to 4 feet		22.00	200.00	----
4 to 5 feet		27.50	250.00	----
5 to 6 feet		35.00	325.00	----
6 to 8 feet		55.00	500.00	----

<i>punctata</i>, Dotted Hawthorne. 25-30 ft.				
Broad-headed, small tree with large, white flowers in May; dull red, spotted fruit in October.				
3 to 4 feet		22.00	200.00	----
4 to 5 feet		27.50	250.00	----

WILLOW, *Salix*

<i>babylonica</i>, Babylon Weeping Willow. 40-50 ft.				
Rapid grower with long pendulous branches. Not hardy in this latitude.				
4 to 5 feet		4.50	40.00	----
5 to 6 feet		7.00	65.00	----
6 to 8 feet		11.00	100.00	----
8 to 10 feet		15.00	135.00	----
1¼ to 1½ inches		20.00		----

Laurel leaved, <i>Salix pentandra</i>. 30-40 ft.				
Hardy upright grower with large, dark green leaves.				
3 to 4 feet		4.50	40.00	----

DECIDUOUS TREES—Continued

WILLOW—Continued

Niobe Weeping. 30-35 ft.		Per 10	Per 100	Per 1000
An exceptionally strong, hardy, graceful tree. Splendid pendulous habit. Very attractive golden bark. Light green flowers in April.				
4 to 5 feet		\$ 4.50	\$ 40.00	\$ -----
5 to 6 feet		7.00	-----	-----
8 to 10 feet		15.00	-----	-----
1¼ to 1½ inches		20.00	-----	-----
1½ to 1¾ inches		25.00	-----	-----

Russian Golden, Salix vitellina aurea. 25-30 ft.				
Medium spreading growth. Golden yellow bark. Very hardy.				
4 to 5 feet		3.50	30.00	-----

Wisconsin Weeping, Salix blanda. 40-50 ft.				
Spreading limbs and pendulous branches. Dark green leaves. Hardy.				
5 to 6 feet		7.00	65.00	-----
6 to 8 feet		11.00	100.00	-----
8 to 10 feet		15.00	-----	-----
1¼ to 1½ inches		20.00	-----	-----
1½ to 1¾ inches		25.00	-----	-----



ORNAMENTAL SHRUBS

Our Shrubs are well grown, bushy stock, many of them twice transplanted, grown on rich land, with plenty of room to develop well finished plants. Are confident they will please your trade.

Tied 9-12 and 12-18, 25; 18-24 and 2-3, 10; 3-4 and 4-5, 5 per bundle.

ACANTHOPANAX sieboldianus (Pentaphyllum), Five leaf Aralia. 10 ft.

A graceful shrub with arching branches and bright green, shining foliage, excellent on rocky banks and slopes.

	Per 10	Per 100	Per 1000
12 to 18 inches.....	\$ 2.50	\$	\$
2 to 3 feet.....	5.00	.....	.....
3 to 4 feet.....	7.00	.....	.....

ALMOND, Pink Flowering, Prunus glandulosa rosea. 5-6 ft.

April-May.

18 to 24 inches, Own Root.....	5.00	45.00	.....
2 to 3 feet, " ".....	6.00	55.00	500.00
3 to 4 feet, " ".....	7.50	70.00	650.00

White Flowering, Prunus glandulosa alba. 5-6 ft.

Double white. Branches covered with masses of flowers. April-May.

12 to 18 inches, Own Root.....	4.50	.....	.....
18 to 24 inches, Own Root.....	6.00	55.00	.....
2 to 3 feet, Own Root.....	7.00	65.00	.....

ALTHEA, Hibiscus syriacus. 10-12 ft.

Upright shrub, blooming August and September. Colors, pink, purple, red, and white.

12 to 18 inches.....	1.90	16.00	.....
18 to 24 inches.....	2.90	25.00	.....

d-Double	s-Single
Anemonaeflours, d pink	Lucy, d red
Ardens, d purple	Rubis, s red
Boule de Feu, d red	

AMELANCHIER, canadensis Juneberry (Downy Shadblow). 10-15 ft.

Attractive white flowers early spring followed by dark red fruit. Edible. Attractive to birds.

9 to 12 inches.....	2.40	20.00	170.00
12 to 18 inches.....	4.00	35.00	300.00
18 to 24 inches.....	5.50	50.00	450.00
2 to 3 feet.....	6.50	60.00	550.00
3 to 4 feet.....	8.00	75.00	.....
4 to 5 feet.....	11.00	100.00	.....

AMORPHA fruticosa, Indigo Bush. 8-10 ft.

A vigorous growing shrub with dark violet flowers.

2 to 3 feet.....	5.50	.....	.....
3 to 4 feet.....	6.50	.....	.....
4 to 5 feet.....	8.00	.....	.....

BARBERRY, Berberis

thunbergi Common Barberry. 4-5 ft.

Pale yellow flowers. April-May. A splendid hardy hedge plant. Also fine for mass planting. Brilliant red fruit and foliage in autumn.

12 to 15 inches.....	2.40	21.00	180.00
15 to 18 inches.....	3.10	27.00	240.00
18 to 24 inches.....	3.80	33.00	300.00
2 to 2½ feet.....	4.50	40.00	350.00

Our Barberry Thunbergi are 2 and 3 year heavy, well furnished transplants that will please the most critical trade. Write for special quotations on quantity lots.

See Hedging for Seedlings and smaller grades.

ORNAMENTAL SHRUBS—Continued

BARBERRY—Continued

Red Leaved, <i>Berberis atropurpurea</i> . 3-6 ft.	Per 10	Per 100	Per 1000
Variety of Japanese Barberry with bright red foliage.			
9 to 12 inches	\$ 2.90	\$ 25.00	\$220.00
12 to 15 inches	3.70	32.00	-----
15 to 18 inches	4.50	40.00	-----
18 to 24 inches	5.50	50.00	450.00
2 to 2½ feet	6.50	60.00	-----

BERBERIS MENTORENSIS

(Sun or shade—ultimate height 5 ft.)

Barberry mentorensis is the result of a cross between Barberry Thunbergi and Barberry Juliana. It is a plant with very rugged, strong upright growing branches and heavy thorns. Its foliage is heavy and thick and of perfect color—a green as dark as the Japanese Yew.			
	Per 10	Per 100	Per 1000
9 to 12 inches	\$ 3.00	\$ 25.00	\$ -----
12 to 15 inches	4.50	40.00	-----
15 to 18 inches	6.50	60.00	-----
18 to 24 inches	8.50	80.00	-----
2 to 2½ feet	10.00	90.00	-----

TRUEHEDGE COLUMNBERRY

Var. *Berberis Thunbergi*, erecta

Recommended for formal hedges, individual specimen shrubs, window boxes, etc. Grows in pyramidal form without pruning. Has dense glossy foliage; valuable for many purposes.			
	Per 10	Per 100	Per 1000
12 to 18 inches	\$ 2.90	\$ 25.00	\$ -----
15 to 18 inches	3.50	33.00	-----
18 to 24 inches	4.50	40.00	350.00
2 to 2½ feet	5.50	45.00	400.00

BUCKTHORN, *Rhamnus cathartica*, Common Buckthorn. 10-12 ft.

Very hardy, dark green leaves, black berries. Valuable for hedging in the north.

	Per 10	Per 100	Per 1000
18 to 24 inches	\$ 2.90	\$ 25.00	\$ -----
2 to 3 feet	4.00	35.00	-----
3 to 4 feet	5.50	50.00	-----

davurica, Dahurian Buckthorn. 12-15 ft.

Spreading, hardy shrub or small tree. Black berries. Desirable landscape shrub.

18 to 24 inches	2.90	25.00	-----
2 to 3 feet	4.00	35.00	-----
3 to 4 feet	5.50	50.00	-----

frangula, Glossy Buckthorn. 10-12 ft.

Upright, hardy shrub, used for hedging. Berries red changing to black.			
12 to 18 inches	2.90	25.00	-----
18 to 24 inches	4.00	35.00	-----
2 to 3 feet	5.50	50.00	-----
3 to 4 feet	7.00	65.00	-----

BUDDLEIA, Butterfly Bush, Perennial Shrub. 4-5 ft.

We are growing most of our Buddleia in California where soil and climatic conditions are ideal for producing strong, well rooted plants that are properly matured. You will like them.

Charming

Long sprays covered with lavender-pink blooms which compared to other varieties are distinctly pink. Has exceptional value for house decoration.			
Medium	2.80	24.00	220.00
No. 1	3.50	30.00	270.00

ORNAMENTAL SHRUBS—Continued

BUDDLEIA—Continued

Dubonnet	Per 10	Per 100	Per 1000
A new dark wine dubonnet colored Buddleia with firm, large, spikes and individual flowers of good size that do not sunburn.			
Medium	\$ 2.80	\$ 24.00	\$220.00
No. 1	3.50	30.00	270.00
Ile de France. 4-6 ft.			
Large flowers of rich, reddish-purple, borne in long panicles.			
Medium	2.80	24.00	220.00
No. 1	3.50	30.00	270.00
Orchid Beauty			
An orchid pink with brilliant, orange eye and flower heads up to 24 inches in length, broad at base. Excellent as a cut flower. New.			
Medium	2.80	24.00	220.00
No. 1	3.50	30.00	270.00

BURGUNDY

A Mount Arbor introduction—A new Buddleia of merit. Strong, upright growing plant produces an abundance of well rounded flower trusses often measuring 18 inches in length. The individual florets open practically all at the same time. The color is “Burgundy Wine-red” that is even more brilliant in sunlight in the garden or where used as a cut flower under artificial light.

	Per 10	Per 100	Per 1000
No. 1, dormant plants, field grown	\$ 4.00	\$ 35.00	\$ -----

EMPIRE BLUE
(Patent No. 557)

We have seen no other blue Buddleia that compares with this. The color is an Aster-blue with a delicate lilac tone, the whole effect being an exquisite shade of blue.

	Per 10	Per 100	Per 1000
No. 1, dormant plants, field grown	\$ 4.00	\$ 35.00	\$300.00
(Retails 75¢ each, \$7.50 per doz.)			

PINK DAWN

A Mount Arbor introduction — cross between Buddleia Fortune and Pink Charming. The compact plant attains a height of 4-5 ft., carrying deep, dark green foliage. The flower is pink throughout and produced in great abundance throughout the entire summer and autumn. Excellent as a cut flower with sprays of two to three feet in length. This is the best truly pink flowering Buddleia in existence today.

	Per 10	Per 100	Per 1000
No. 1, dormant plants, field grown	\$ 4.00	\$ 35.00	\$ -----

ROYAL RED
(Patent No. 556)

A new variety of merit, producing from July until frost an abundance of large, fully round sprays of 2 ft. in length; color rich dark royal purple, intensified to almost red when displayed under artificial light. Plant attains 4-6 ft. height, and foliage is deep leathery green.

	Per 10	Per 100	Per 1000
No. 1, dormant plants, field grown	\$ 4.00	\$ 35.00	\$300.00
(Retails 75¢ each, \$7.50 per doz.)			

ORNAMENTAL SHRUBS—Continued

BUDDLEIA—Continued

SNOWBANK			
A Mount Arbor introduction. This new white Buddleia produces fully round and compact sprays measuring 10 to 15 inches in length and carries an abundance of deep, dark green foliage.			
	Per 10	Per 100	Per 1000
No. 1, dormant plants, field grown.....	\$ 4.00	\$ 35.00	\$ -----

WHITE BOUQUET			
(Patent No. 536)			
A new white Buddleia carrying 8-inch spikes of fully rounded-out blooms. Splendid for cut flower purposes. (Retail at 85¢ each, \$8.50 per doz.)			
	Per 10	Per 100	Per 1000
No. 1	\$ 4.50	\$ 40.00	\$300.00

CALYCANTHUS floridus, Sweetshrub. 4-6 ft.	Per 10	Per 100	Per 1000
A fragrant shrub with chocolate colored flowers.			
18 to 24 inches.....	\$ 6.50	\$ 60.00	\$ -----

CARAGANA arborescens. Siberian Peashrub. 12-15 ft.			
Very hardy. Yellow flowers in May-June.			
18 to 24 inches.....	2.90	25.00	220.00
2 to 3 feet.....	4.00	35.00	-----
3 to 4 feet.....	6.50	60.00	-----

CARYOPTERIS, Blue Mist, (Hardy Blue Spirea). 18-24 inch.			
Low growing shrub covered with numerous clusters of powdery blue, fringed flowers from August to frost. The foliage is lanceolate and slightly toothed and silvery green in color. Hardy.			
Medium	2.90	25.00	-----
No. 1	4.00	35.00	300.00

CHAENOMELES, See Cydonia

CHIONANTHUS virginica, White Fringe. 25 ft.			
Large glossy leaves, white fragrant flowers, May-June.			
12 to 18 inches.....	5.50	50.00	-----
18 to 24 inches.....	8.00	75.00	-----
2 to 3 feet.....	11.00	100.00	-----

CORNUS, Dogwood			
alba sibirica, Siberian Dogwood. 10-12 ft.			
Hardy, vigorous, upright shrub producing small white flowers, April-May. Porcelain blue fruit. Bright red bark in winter.			
12 to 18 inches.....	2.40	21.00	-----
18 to 24 inches.....	4.00	35.00	320.00
2 to 3 feet.....	5.50	50.00	450.00
3 to 4 feet.....	6.50	60.00	-----
*florida rubra, Red Flowering Dogwood. 15-20 ft.			
Variety of Cornus Florida with bright pink flowers.			
2 to 3 feet (Balled in Moss).....	25.00	225.00	-----
*Available for Spring only.			

Goldentwig, stolonifera flaviramea. 8-10 ft.			
Distinct yellow bark, has fine winter effect.			
12 to 18 inches.....	2.40	21.00	-----
18 to 24 inches.....	4.00	35.00	-----
2 to 3 feet.....	5.50	50.00	-----
3 to 4 feet	6.50	60.00	-----

ORNAMENTAL SHRUBS—Continued

CORNUS—Continued	Per 10	Per 100	Per 1000
✓ mascula, Cornelian Cherry Dense growth with glossy foliage. Attractive in early spring with its yellow flowers and in fall with its shining scarlet fruits.			
12 to 18 inches	\$ 3.50	\$ 30.00	\$ -----
18 to 24 inches	5.00	45.00	-----
2 to 3 feet	6.50	-----	-----
racemosa (paniculata) Gray Dogwood. 12-15 ft. White flowers in May followed by white fruit.			
18 to 24 inches	4.50	40.00	-----
2 to 3 feet	5.50	50.00	-----
3 to 4 feet	7.00	65.00	-----
stolonifera, Red-Osier Dogwood. 15-20 ft. Dark wine colored branches. Dull white flowers. May-June. White berries.			
12 to 18 inches	2.40	21.00	-----
18 to 24 inches	4.00	35.00	320.00
2 to 3 feet	5.50	50.00	450.00
3 to 4 feet	6.50	60.00	550.00
Variegated, gouchaulti (Elegantissima) Silverblotch Dogwood. 6-8 ft. Silver variegated leaves, bright red bark. Very attractive.			
9 to 12 inches	2.40	21.00	-----
12 to 18 inches	4.00	35.00	-----
18 to 24 inches	6.50	60.00	-----
CORYLUS Americana, American Hazelnut. 8-10 ft. Thrives in shady locations. Attractive foliage. Produces popular nuts.			
12 to 18 inches	2.90	25.00	-----
18 to 24 inches	4.50	-----	-----
2 to 3 feet	5.50	-----	-----
COTONEASTER acutifolia, Peking Cotoneaster. 10-12 ft. An attractive hardy shrub or hedge. Dark green leaves. Black fruit.			
12 to 18 inches	2.90	25.00	-----
18 to 24 inches	3.50	30.00	-----
2 to 3 feet	4.50	40.00	350.00
3 to 4 feet	6.00	55.00	500.00
CYDONIA japonica (Chaenomeles). Flowering Quince. 5-6 ft. Our Cydonia are grown from cuttings secured from blooming wood, producing uniform scarlet colored flowers.			
12 to 18 inches	2.90	25.00	220.00
18 to 24 inches	3.80	33.00	-----
2 to 3 feet	5.00	45.00	400.00
3 to 4 feet	6.00	55.00	500.00

NEW NAMED INTRODUCTIONS
CYDONIA (grafted)

We are listing below newer varieties of grafted named varieties of CYDONIAS that we can recommend for the general planting. Supply limited.				
	Per 10	Per 100	Per 1000	
12 to 18 inches	\$ 5.50	\$ 50.00	\$ -----	
18 to 24 inches	7.00	65.00	-----	
2 to 3 feet	9.00	85.00	-----	
3 to 4 feet	11.00	100.00	-----	
	3-4'	2-3'	18-24"	12-18"
Apple Blossom, pink	X	X	X	X
Coral Sea, Salmon	X	X	--	--
Pink Princess, pink	X	X	X	--
Snowbird	X	X	--	--
Stanford Red	--	X	--	--
(X indicates grades available in each variety)				

ORNAMENTAL SHRUBS—Continued

DEUTZIA, gracilis, Slender Deutzia. 3 ft.

	Per 10	Per 100	Per 1000
Dwarf, blooms freely. Small pure white flowers. May.			
9 to 12 inches	\$ 2.90	\$ 25.00	\$ -----

gracilis exima. 4 ft.

Light pink bud opening to pinkish-white flower. Very attractive.			
12 to 15 inches	4.50	40.00	-----

Lemoine, lemoinei Deutzia. 5-6 ft.

Large white showy flowers in May. Quite hardy.			
12 to 18 inches	4.00	35.00	320.00
18 to 24 inches	5.00	45.00	400.00

Pride of Rochester. 10-12 ft.

Strong grower, free bloomer, double white flowers tinged pink.			
18 to 24 inches	4.00	35.00	-----
2 to 3 feet	5.50	50.00	450.00
3 to 4 feet	6.50	60.00	-----

Scabra Plena, Double Rose. 6-7 ft.

Vigorous growth; free flowering. Produces an abundance of double fringy, pink flowers.			
2 to 3 feet	6.00	55.00	-----
3 to 4 feet	7.00	65.00	-----

ELAEAGNUS angustifolia, Russian Olive. 20-25 ft.

Attractive silver gray leaves, white berries. Desirable for mass planting. Used frequently for hedges and windbreaks. Very hardy.			
5 to 6 feet	11.00	-----	-----

argentea. Silverberry. 10-12 ft.

Erect shrub, spineless, stoloniferous, with reddish brown branchlets. Leaves silvery on both sides. Flowers yellowish within, fragrant. Fruit covered with silvery scales. May-June.			
12 to 18 inches	3.50	-----	-----
18 to 24 inches	4.50	-----	-----
2 to 3 feet	5.50	50.00	-----
3 to 4 feet	7.00	65.00	-----

EUONYMUS alatus, Winged Euonymus (Japanese Spindle Tree). 10-12 ft.

Yellow flowers, May-June. Interesting corky bark. Leaves turning brilliant crimson in autumn.			
12 to 18 inches	6.50	-----	-----
18 to 24 inches	8.50	-----	-----
2 to 3 feet	14.00	-----	-----

Alatus compacta, Dwarf Winged Euonymus. 4-6 ft.

Dwarf, compact form of the type. Splendid for hedges.			
18 to 24 inches	11.00	-----	-----
2 to 3 feet	16.50	-----	-----

atropurpureus, Eastern Wahoo. 12-15 ft.

Native, hardy, vigorous shrub or small tree producing an abundance of scarlet berries. Attractive colored foliage in autumn.			
12 to 18 inches	3.20	28.00	-----
18 to 24 inches	4.50	40.00	-----
2 to 3 feet	5.50	50.00	-----

Patens, Spreading Euonymus. 4-5 ft.

Graceful, spreading, upright grower; glossy green foliage, almost evergreen; scarlet berries. Semi-hardy.			
12 to 15 inches	5.50	50.00	-----
15 to 18 inches	7.00	65.00	-----
18 to 24 inches	8.50	80.00	-----
2 to 2½ feet	11.00	100.00	-----

ORNAMENTAL SHRUBS—Continued

EUONYMUS—Continued Per 10 Per 100 Per 1000

patens Flagpole. Small leaf. 4-5 ft.			
Ideal for evergreen hedges. Makes a very bushy specimen plant when grown informally. Semi-hardy.			
9 to 12 inches	\$ 4.00	\$ 35.00	\$ -----
12 to 15 inches	5.50	50.00	-----
yedoensis, Yeddo Euonymus. 10-12 ft.			
Large shrub with masses of pink and orange, four lobed fruit.			
12 to 18 inches	3.20	28.00	-----

FORSYTHIA fortunei, Fortune Forsythia. 10-12 ft.			
Upright, arching branches. Bright yellow flowers early in April.			
18 to 24 inches	4.40	38.50	-----
2 to 3 feet	5.50	50.00	450.00
3 to 4 feet	6.50	60.00	550.00

intermedia, Border Forsythia. 8-10 ft.			
Vigorous, spreading, bright yellow flowers early in April.			
18 to 24 inches	4.40	38.50	350.00
2 to 3 feet	5.50	50.00	450.00
3 to 4 feet	6.50	60.00	550.00

intermedia spectabilis, Showy Border Forsythia. 8-10 ft.			
Improved form of Intermedia. Rich golden yellow flowers.			
18 to 24 inches	4.40	38.50	350.00
2 to 3 feet	5.50	50.00	450.00
3 to 4 feet	6.50	60.00	550.00

FORSYTHIA SPRING GLORY

A new Forsythia that produces an abundance of attractive large pale yellow flowers completely covering the branches and making a brilliant and cheerful display for the gardens in the spring.			
	Per 10	Per 100	Per 1000
18 to 24 inches	\$ 5.00	\$ 45.00	\$400.00
2 to 3 feet	6.00	55.00	500.00
3 to 4 feet	7.00	65.00	600.00

suspensa, Weeping Forsythia. 6-8 ft.			
Slender pendulous branches. Golden yellow flowers in April.			
18 to 24 inches	\$ 4.50	\$ 40.00	\$ -----
2 to 3 feet	6.00	55.00	500.00
3 to 4 feet	7.00	65.00	600.00

suspensa variegata, Goldblotch Forsythia. 6-8 ft.			
Similar to Suspensa but with variegated foliage.			
18 to 24 inches	4.50	-----	-----
2 to 3 feet	6.00	55.00	-----
3 to 4 feet	7.00	-----	-----

viridissima, Greenstem Forsythia. 7-8 ft.			
Stocky grower. Dark green leaves, yellow flowers. Late bloomer.			
18 to 24 inches	4.50	40.00	-----
2 to 3 feet	5.50	50.00	-----

HONEYSUCKLE, *Lonicera*

bella albida, White Belle Honeysuckle. 10-12 ft.			
Very hardy, upright, strong grower. White bloom, red fruit. Makes a splendid tall hedge.			
18 to 24 inches	8.80	35.00	-----
2 to 3 feet	5.00	45.00	400.00
3 to 4 feet	6.00	55.00	500.00
4 to 5 feet	7.00	65.00	-----

ORNAMENTAL SHRUBS—Continued

HONEYSUCKLE—Continued

bella rosea, Pink Belle Honeysuckle. 7-8 ft.	Per 10	Per 100	Per 1000
Hardy, spreading medium grower. Attractive pink flowers, red fruit.			
18 to 24 inches.....	\$ 3.80	\$ 35.00	\$
2 to 3 feet.....	5.00	45.00	400.00
3 to 4 feet.....	6.00	55.00	.....
4 to 5 feet.....	7.00	.....	.....

Cardinal (No. 101)

An improved type of tartarian Honeysuckle. Bright pink, flowers April-May. Bright red fruit.

12 to 18 inches.....	2.90	25.00	.....
18 to 24 inches.....	4.00	35.00	300.00
2 to 3 feet.....	5.00	45.00	400.00
3 to 4 feet.....	6.00	55.00	500.00
4 to 5 feet.....	7.00	65.00	.....

grandiflora rosea, Bride. 12-15 ft.

Flowers bright pink, April-May. One of the best pink upright Honeysuckles. Hardy, strong, upright grower.

12 to 18 inches.....	2.90	25.00	220.00
18 to 24 inches.....	4.00	35.00	300.00
2 to 3 feet.....	5.00	45.00	400.00
3 to 4 feet.....	6.00	55.00	500.00
4 to 5 feet.....	7.00	65.00	.....

Pink Tartarian, tatarica rosea. 10-12 ft.

Hardy, vigorous grower. Pink flowers. April-May. Red fruit.

12 to 18 inches.....	2.90	25.00	220.00
18 to 24 inches.....	4.00	35.00	300.00
2 to 3 feet.....	5.00	45.00	400.00
3 to 4 feet.....	6.00	55.00	500.00
4 to 5 feet.....	7.00	65.00	.....

Red tartarian, tatarica rubra. 8-10 ft.

Very hardy, upright. Flowers April-May, rosy pink. Bright red fruit.

12 to 18 inches.....	2.90	25.00	220.00
18 to 24 inches.....	4.00	35.00	300.00
2 to 3 feet.....	5.00	45.00	400.00
3 to 4 feet.....	6.00	55.00	500.00
4 to 5 feet.....	7.00	65.00	.....

virginialis alba, Maiden Honeysuckle. 8-10 ft.

Hardy, upright grower. Flowers white, April-May.

18 to 24 inches.....	3.20	28.00	.....
2 to 3 feet.....	4.50	40.00	350.00
3 to 4 feet.....	5.50	50.00	.....
4 to 5 feet.....	6.50	60.00	.....

zabeli, Zabel Honeysuckle. 8-10 ft.

An improved strain of red tartarian Honeysuckle.

12 to 18 inches.....	2.90	25.00	.....
18 to 24 inches.....	4.00	35.00	.....
2 to 3 feet.....	5.00	45.00	400.00
3 to 4 feet.....	6.00	55.00	500.00
4 to 5 feet.....	7.00	65.00	.....

HONEYSUCKLE (Also see Hedging)

HYDRANGEA Blue Prince. See Page 73.

paniculata grandiflora, Peegee Hydrangea. 6-8 ft.

A very hardy shrub with large trusses of showy double white flowers, blending into pink and bronze shades of autumn. July-October.

12 to 18 inches.....	3.20	28.00	250.00
18 to 24 inches.....	4.50	40.00	350.00
2 to 3 feet.....	5.50	50.00	.....

ORNAMENTAL SHRUBS—Continued

HYPERICUM aureum, Golden St. Johnswort. 4 ft.	Per 10	Per 100	Per 1000
Hardy shrub with bright yellow flowers. July-August.			
12 to 18 inches	\$ 4.00	\$ 35.00	\$ -----
18 to 24 inches	5.00	45.00	-----
2 to 3 feet	6.50	60.00	-----

ILEX verticillata, Winterberry. 6-8 ft.			
Bright red berries which remain until midwinter.			
9 to 12 inches	2.90	25.00	-----
12 to 18 inches	4.50	40.00	350.00
18 to 24 inches	6.50	60.00	-----

KERRIA japonica, Single Kerria. 4 ft.			
Beautiful, single, yellow flowers. June-September.			
12 to 18 inches	4.00	35.00	-----
18 to 24 inches	6.50	60.00	-----
2 to 3 feet	8.00	-----	-----

KOLKWITZIA amabilis, Beauty Bush. 6-8 ft.			
A graceful shrub, covered with small pink flowers in May.			
12 to 18 inches	3.50	30.00	-----
18 to 24 inches	5.50	50.00	-----

LESPEDEZA Formosa (Desmodium) Purple Bushclover.			
A herbaceous perennial shrub with attractive purple flowers in September.			
2 year, Medium	3.50	30.00	-----
2 year, No. 1	4.50	40.00	-----

LILAC Syringa. 12-15 ft.				
French Lilacs, Named varieties.				
Valuable, hardy hybrids. Popular on account of attractive flowers of various colors and foliage. Height to fifteen feet according to variety and soil.				
9 to 12 inches	2.90	25.00	-----	
12 to 18 inches	4.50	40.00	-----	
18 to 24 inches	6.50	60.00	-----	
2 to 3 feet	8.50	80.00	-----	
3 to 4 feet	11.00	-----	-----	

	s-Single	d-Double				
		3-4'	2-3'	18-24"	12-18"	9-12"
Alphonse Lavalley, d lilac	-----	X	X	X	X	--
Bleautre, s blue	-----	--	X	X	X	--
Charles Joly, d rich red	-----	X	--	--	X	X
Chas. X, s red	-----	X	X	X	--	--
Edith Cavel, d white	-----	--	--	--	--	X
Hugo Koster, s lilac	-----	--	X	X	--	--
Jacques Callot, s violet	-----	--	X	X	X	--
Ludwig Spaeth, s deep purple	-----	--	--	--	--	X
Mme. Lemoine, d white	-----	--	--	--	--	X
Michel Buchner, s lilac	-----	--	X	X	X	X
Mrs. W. E. Marshall, s reddish purple	-----	X	X	X	--	--
President Grevy, d bluish lilac	-----	X	X	--	--	--
President Lincoln, s blue	-----	--	--	--	--	X
Prince Notger, s lavender	-----	X	X	X	X	--
Ruhm Von Horstenstein, s reddish purple	-----	X	X	X	--	--
Waldeck-Rousseau, d lilac pink	-----	--	--	--	--	X

(X indicates grades available in each variety)

ORNAMENTAL SHRUBS—Continued

LILAC, *Syringa*—Continued

Common Purple, *vulgaris*. 12-18 ft.

Hardy, popular shrub. Blooms freely. Purplish, single lilac flowers in large panicles. April-May.

	Per 10	Per 100	Per 1000
12 to 18 inches	\$ 2.90	\$ 25.00	\$ -----
18 to 24 inches	4.00	35.00	-----
2 to 3 feet	5.00	45.00	-----
3 to 4 feet	6.50	60.00	-----

Common White, *vulgaris alba*. 12-15 ft.

Hardy, vigorous shrub. Attractive foliage, single white flowers.

	Per 10	Per 100	Per 1000
12 to 18 inches	3.50	30.00	-----
18 to 24 inches	4.50	40.00	-----
3 to 4 feet	6.50	60.00	-----

Chinese, *rothomagensis*. 8-10 ft.

Generally grown and sold for Persian lilac. Upright, vigorous grower, rich amaranth purple flowers. April-May. One of the best for general planting on account of its free blooming qualities and hardiness.

	Per 10	Per 100	Per 1000
12 to 18 inches	\$ 2.90	\$ 25.00	\$220.00
18 to 24 inches	4.50	40.00	-----
2 to 3 feet	5.50	50.00	450.00
3 to 4 feet	6.50	60.00	550.00
4 to 5 feet	8.00	75.00	700.00

Persian Purple, see Lilac *Rothomangensis*.

We recommend use of *Rothomagensis* which is similar in habit of growth but produces superior flowers and foliage.

villosa. Late Lilac. 8-10 ft.

Bushy compact grower. Large, attractive leaves, pale pink flowers.

	Per 10	Per 100	Per 1000
12 to 18 inches	\$ 3.50	\$ 30.00	\$ -----
18 to 24 inches	4.50	40.00	350.00
2 to 3 feet	5.50	50.00	450.00

PHILADELPHUS, Mockorange

amalthee. 5-6 ft.

Outstanding *Philadelphus* with large single white flowers with pink center.

	Per 10	Per 100	Per 1000
12 to 18 inches	4.00	35.00	-----
18 to 24 inches	5.50	50.00	-----
2 to 3 feet	6.50	60.00	-----

atlas, 5-6 ft.

New hybrid giant-flowered Mockorange. Pure white flowers. An upright grower. Hardy.

	Per 10	Per 100	Per 1000
18 to 24 inches	5.50	-----	-----
2 to 3 feet	6.50	60.00	-----

coronarius, Sweet Mockorange. 8-10 ft.

A popular well known, hardy shrub. White, fragrant flowers in May-June.

	Per 10	Per 100	Per 1000
12 to 18 inches	2.90	25.00	220.00
18 to 24 inches	4.50	40.00	350.00
2 to 3 feet	5.50	50.00	450.00
3 to 4 feet	7.00	65.00	600.00

coronarius aureus, Golden Mockorange. 4 ft.

Dwarf compact form with yellow foliage.

	Per 10	Per 100	Per 1000
15 to 18 inches	8.00	-----	-----

lemoinei, Lemoine Mockorange: 4-5 ft.

Semi-dwarf with attractive foliage, producing dense racemes of small fragrant white flowers.

	Per 10	Per 100	Per 1000
9 to 12 inches	2.40	20.00	-----
12 to 18 inches	3.20	28.00	-----

ORNAMENTAL SHRUBS—Continued

PHILADELPHUS—Continued

Minnesota Snowflake, Plant Pat. No. 538.

The double, white fragrant flowers bloom profusely. Attractive shrub with good foliage.

	Wholesale Prices		Suggested	Retail Prices	
	Per 10	Per 100		Each	Dozen
18 to 24 inches.....	\$6.00	\$55.00		\$1.25	\$12.00
2 to 3 feet.....	7.00	65.00		1.50	15.00

virginalis, Virginal Mockorange. 7-8 ft.

Medium grower. Loads down with beautiful fragrant semi-double flowers over a long season beginning in May

	Per 10	Per 100	Per 1000
12 to 18 inches.....	\$ 3.20	\$ 28.00	\$250.00
18 to 24 inches.....	4.50	40.00	350.00
2 to 3 feet.....	5.50	50.00	450.00

PHYSOCARPUS opulifolius, Common Ninebark. 8-10 ft.

Very hardy. White flowers in May-June, followed by attractive brownish-red pods.

12 to 18 inches.....	2.90	25.00	-----
18 to 24 inches.....	4.00	35.00	-----
2 to 3 feet.....	5.00	45.00	400.00
3 to 4 feet.....	6.00	55.00	500.00

Goldleaf Ninebark, opulifolius luteus (aureus). 8-10 ft.

Golden leaved variety producing white flowers in May-June

12 to 18 inches.....	2.90	25.00	-----
18 to 24 inches.....	4.00	35.00	-----
2 to 3 feet.....	5.00	45.00	-----
3 to 4 feet.....	6.00	55.00	-----

opulifolius nana, Dwarf Ninebark. 4-5 ft.

Dwarf form, dense grower. Very attractive foliage and flowers. May-June, followed by numerous small red pods. A valuable, hardy, low growing shrub.

12 to 18 inches.....	2.90	25.00	-----
18 to 24 inches.....	4.00	35.00	-----
2 to 3 feet.....	5.00	45.00	-----
3 to 4 feet.....	6.00	55.00	-----

PRIVET — Ligustrum

Amoor North, amurense. 12-15 ft.

Used extensively. Valuable, hardy, hedge plant with rich attractive foliage.

	Per 10	Per 100	Per 1000
9 to 12 inches, branched.....	\$ ----	\$ 7.00	\$ 60.00
12 to 18 inches, 2 canes.....	----	10.00	85.00
12 to 18 inches, 3 canes and up.....	----	12.00	100.00
18 to 24 inches, 2 canes.....	----	12.00	100.00
18 to 24 inches, 3 canes and up.....	----	16.50	140.00
2 to 3 feet, 2 and 3 canes.....	----	16.50	140.00
2 to 3 feet, 4 canes and up.....	----	21.00	180.00
3 to 4 feet, 4 canes.....	----	22.50	-----
3 to 4 feet, 5 canes and up.....	----	28.00	-----

California, ovalifolium. 12-15 ft.

An attractive, popular hedge plant where hardy.

9 to 12 inches, branched.....	----	5.60	50.00
12 to 18 inches, 3 canes and up.....	----	10.00	85.00
18 to 24 inches, 3 canes and up.....	----	13.00	110.00
2 to 3 feet, 4 canes and up.....	----	18.00	150.00

ORNAMENTAL SHRUBS—Continued

PRIVET—Continued

Ibodium, Hardy California. 8-10 ft.		Per 10	Per 100	Per 1000
Upright, vigorous with foliage similar to California but much hardier.				
9 to 12 inches, branched		\$	\$ 7.00	\$ 60.00
12 to 18 inches, 3 canes and up			12.00	100.00
18 to 24 inches, 3 canes and up			16.50	140.00
2 to 3 feet, 4 canes and up			21.00	180.00
3 to 4 feet, 4 canes and up			22.50	200.00

Ibota vicari, Hardy Golden Ibota Privet. 3-6 ft.				
New hardy Privet that carries golden-yellow leaves, providing a wealth of interesting contrasts from early spring until late fall. Develops a neat compact shrub that can be trimmed into any shape. Suitable for use as an individual shrub, or for hedging.				
9 to 12 inches		2.40	20.00	-----
12 to 15 inches		3.20	28.00	-----
15 to 18 inches		4.00	35.00	-----
18 to 24 inches		5.00	45.00	-----
2 to 2½ feet		6.50	60.00	-----

Lodense. 2½ ft.				
Very compact, dwarf form.				
15 to 18 inches		2.90	25.00	-----
18 to 24 inches		3.50	30.00	-----

Regel, regelianum. 6-8 ft.				
Low growing dense shrub with horizontal, spreading branches. Fine, hardy hedge plant. Grown from cuttings.				
12 to 18 inches		2.50	22.00	200.00
18 to 24 inches		4.00	35.00	300.00
2 to 2½ feet		5.00	45.00	400.00

vulgare, European Privet. 8-10 ft.				
Available Spring only.				
A hardy vigorous strain of European Privet carrying dark green foliage, hanging on late in autumn.				
2 to 3 feet, 4 canes and up			21.00	180.00
3 to 4 feet, 4 canes and up			24.00	220.00

PRUNUS, Ornamental Plums. (See Deciduous Trees).

RHODOTYPOS kerriodes, Jetbead (White Kerria). 4-5 ft.				
Distinct shrub. Bright green foliage. Single white flowers, April-May. Black shiny fruit in autumn and winter.				
9 to 12 inches		2.90	25.00	-----
12 to 18 inches		4.50	40.00	350.00
18 to 24 inches		6.00	55.00	500.00

RHUS canadensis (aromatica). Fragrant Sumac. 5-6 ft.				
Aromatic shrub. Small yellowish flowers April-May, followed by red berries.				
12 to 18 inches		3.20	28.00	-----
18 to 24 inches		5.50	50.00	450.00
2 to 3 feet		6.50	60.00	-----
3 to 4 feet		8.00	75.00	-----

cotinus (Purple Fringe). 10-15 ft.				
Rapid grower producing masses of filmy, smoky panicles of flowers. July-August, making a fine specimen.				
9 to 12 inches		3.50	30.00	-----
12 to 18 inches		5.00	45.00	-----
18 to 24 inches		7.00	65.00	-----

glabra, Smooth Sumac. 6-10 ft.				
Of dwarfish habit, producing bunches of crimson berries. Aug.-Sept.				
12 to 18 inches		2.10	18.00	-----
18 to 24 inches		3.20	28.00	-----
2 to 3 feet		4.50	40.00	-----

ORNAMENTAL SHRUBS—Continued

RHUS—Continued

typhina, Staghorn Sumac. 15-25 ft.

Per 10 Per 100 Per 1000

Greenish flowers in dense terminal panicles, clusters of crimson berries.

18 to 24 inches.....\$ 3.20 \$ 28.00 \$

2 to 3 feet.....4.50 40.00

RIBES alpinum, Alpine Currant. 6-8 ft.

A hardy, dense shrub suitable for hedges or mass planting. Small, greenish flowers. April-May. Scarlet fruit.

9 to 12 inches.....2.90 25.00

18 to 24 inches.....7.00 65.00

odoratum, Golden Currant (aureum). 8-10 ft.

Rapid, upright grower producing fragrant yellow flowers in April-May.

12 to 18 inches.....3.50 30.00

18 to 24 inches.....4.50 40.00

2 to 3 feet.....5.50 50.00

3 to 4 feet.....6.50 60.00

ROSE ACACIA, Robinia hispida, (Grafted Stock.) 6-8 ft.

Branches covered with rosy pink, attractive flowers, April-May.

12 to 18 inches.....2.90 25.00

18 to 24 inches.....4.50 40.00

3 to 4 feet.....7.00 65.00

SALIX purpurea, dwarf blue-leaf arctic Willow. 3-4 ft.

Charming low growing Willow; suited for hedges and borders. Hardy.

9 to 12 inches.....1.40 12.00

12 to 15 inches.....2.25 19.00 160.00

15 to 18 inches.....2.60 22.00 200.00

18 to 24 inches.....3.20 28.00 250.00

2 to 2½ feet.....4.50 40.00 350.00

SHEPHERDIA argentea, Silver Buffaloberry. 10-12 ft.

Hardy shrub or ornamental tree with silvery foliage. Small yellowish flowers. May-June.

12 to 18 inches.....3.50

18 to 24 inches.....4.50

2 to 3 feet.....5.50 50.00

3 to 4 feet.....7.00

SNOWBALL. (See Viburnum).**SORBARIA sorbifolia, Ural False Spirea. 5-6 ft.**

Leaves out very early in the spring, showing very attractive foliage, followed with large, fluffy heads of white flowers. June-July.

12 to 18 inches.....2.90 25.00

18 to 24 inches.....4.50 40.00

2 to 3 feet.....5.50 50.00

SPIREA Anthony Waterer. 3-4 ft.

A valuable dwarf shrub, bright red flowers, June-September.

6 to 9 inches.....2.10 18.00

9 to 12 inches.....2.90 25.00

12 to 15 inches.....4.00 35.00

18 to 24 inches.....6.50 60.00

ORNAMENTAL SHRUBS—Continued

SPIREA—Continued

arguta, Garland Spirea. 5-6 ft.

Upright, hardy shrub, small light green leaves covered with single white flowers. April-May. There are a number of hybrids varying in habit of growth.

	Per 10	Per 100	Per 1000
12 to 18 inches.....	\$ 2.90	\$ 25.00	\$ -----
18 to 24 inches.....	4.00	35.00	-----
2 to 3 feet.....	5.00	45.00	-----

Billiard Spirea, *billiardi*. 5-6 ft.

Bright pink flowers in spikes. July-September.

12 to 18 inches.....	2.90	25.00	220.00
18 to 24 inches.....	4.00	35.00	300.00
2 to 3 feet.....	5.00	45.00	400.00
3 to 4 feet.....	6.50	60.00	-----

Blue Mist, *Spirea* (See *Caryopteris*)

bumalda superba. 3-5 ft.

Dwarf variety. Vigorous and hardy as Froebel, more upright. Bright pink, flowers, beautiful purplish foliage, in Autumn.

12 to 18 inches.....	3.20	28.00	-----
18 to 24 inches.....	4.00	35.00	-----
2 to 2½ feet.....	5.00	45.00	-----

Froebel Spirea. 4 ft.

Vigorous, spreading grower. Bright pink flowers. May-June. Purplish tips in spring. Beautiful autumn colors. Very hardy. Used extensively.

12 to 18 inches.....	3.50	30.00	-----
18 to 24 inches.....	4.00	35.00	-----

japonica ovalifolia, Japanese White (*Callosa Alba*). 3 ft.

Dwarf grower, dark green foliage, free bloomer, white flowers, June-September.

9 to 12 inches.....	2.90	25.00	-----
12 to 15 inches.....	4.50	40.00	-----
15 to 18 inches.....	5.50	50.00	-----
18 to 24 inches.....	6.50	60.00	-----

opulifolius, Ninebark. (See *Physocarpus*.)

prunifolia, Double Bridalwreath. 5-6 ft.

Small plum-like, double white flowers blooming profusely. Hardy.

12 to 18 inches.....	2.90	25.00	----
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sorbifolia. (See *Sorbaria*.)

Thunbergi, *Spirea thunbergi*. 3-4 ft.

Low growing shrub with slender spreading branches. Feathery bright green foliage. Snow-white flowers. April.

12 to 18 inches.....	2.90	25.00	-----
18 to 24 inches.....	4.50	40.00	350.00
2 to 2½ feet.....	5.00	45.00	-----

Vanhoutte, *Spirea van houttei*. 8-10 ft.

Well known, popular shrub. Graceful habit of growth. Sometimes called Bridalwreath. Pure white flowers, April-May. Blooms profusely.

12 to 18 inches.....	2.40	21.00	180.00
18 to 24 inches.....	3.20	28.00	240.00
2 to 3 feet.....	4.00	35.00	300.00
3 to 4 feet.....	5.00	45.00	-----

ORNAMENTAL SHRUBS—Continued

SYMPHORICARPOS, Snowberry

alba, (racemosus) Common Snowberry. 6-7 ft.

Attractive green foliage, pink flowers, June-July. Large white fruit in clusters in autumn.

	Per 10	Per 100	Per 1000
12 to 18 inches	\$ 1.90	\$ 16.00	\$
18 to 24 inches	2.50	22.00	200.00
2 to 3 feet	3.20	28.00	250.00

chenaulti, Improved Coral Berry. 6-8 ft.

New, very small leaves; graceful arching branches; pink flowers, red fruit.

12 to 18 inches	2.10	18.00	-----
18 to 24 inches	2.90	25.00	220.00
2 to 3 feet	3.50	30.00	270.00

vulgaris, (orbiculatus) Coralberry (Red Snowberry). 4-5 ft.

Hardy native shrub. Succeeds everywhere. Coral red berries in autumn and winter.

12 to 18 inches	1.90	16.00	140.00
18 to 24 inches	2.50	22.00	200.00
2 to 3 feet	3.20	28.00	-----

SUMAC. (See Rhus)

TAMARIX

Grown chiefly for its fine, graceful foliage and showy panicles of flowers.

12 to 18 inches	2.90	25.00	-----
18 to 24 inches	4.00	35.00	300.00
2 to 3 feet	5.00	45.00	400.00
3 to 4 feet	5.50	50.00	450.00

SILVER FOLIAGE VARIETIES

amurensis, Amur Tamarix, Hort. Variety Pentandra. 8-10 ft.

Strong growing, hardy shrub with purple branches, silvery foliage with pink flowers in large panicles.

hispidula, Kashgar Tamarix. 15-20 ft.

Feathery silver foliage. Bright pink flowers. June-July. Remains in bloom longer than other varieties. One of the best. Hardy.

odessana, Odessa Tamarix. 6-8 ft.

Upright slender branches. Light silver foliage, light pink flowers in slender racemes.

GREEN FOLIAGE VARIETIES

africana, African Tamarix. 12-15 ft.

Feathery green foliage, pink flowers early in spring before leaves.

gallica indica, India Tamarix. 10-12 ft.

Upright grower, green foliage, pink flowers, May.

VIBURNUM, americanum, American Cranberrybush. 8-12 ft.

Handsome shrub, single white flowers in April-May. Bright scarlet berries hanging until spring. Edible.

	Per 10	Per 100	Per 1000
9 to 12 inches	\$ 2.10	\$ 18.00	\$
12 to 18 inches	4.00	35.00	320.00
18 to 24 inches	5.50	50.00	450.00
2 to 3 feet	6.50	60.00	-----

dentatum, Arrowwood. 10-12 ft.

Attractive foliage, white flowers, April-May, followed by bluish-black fruit.

18 to 24 inches	4.50	40.00	-----
2 to 3 feet	5.50	50.00	-----

ORNAMENTAL SHRUBS—Continued**VIBURNUM—Continued**✓ **lentago, Nannyberry. 18-20 ft.**

Large growing upright shrub or small tree. Single white flowers in May.

Shining green leaves. Large blue-black fruit.

	Per 10	Per 100	Per 1000
12 to 18 inches.....	\$ 3.20	\$ 28.00	\$ -----
18 to 24 inches.....	4.50	40.00	-----
2 to 3 feet.....	5.50	50.00	450.00
3 to 4 feet.....	7.00	65.00	-----

molle, Kentucky Viburnum. 8-10 ft.

Similar to Dentatum. Of slower growth and more attractive foliage. Single white flowers. April-May. Blue-black fruit.

	3.20	28.00	-----
12 to 18 inches.....	3.20	28.00	-----
18 to 24 inches.....	4.50	40.00	-----
2 to 3 feet.....	5.50	50.00	450.00
3 to 4 feet.....	7.00	65.00	-----

✓ **opulus, European Cranberrybush (Highbush Cranberry). 10-12 ft.**

Well known hardy shrub, single white flowers in April-May, followed by scarlet fruit hanging on until spring.

	3.50	30.00	-----
12 to 18 inches.....	3.50	30.00	-----
18 to 24 inches.....	5.00	45.00	400.00
2 to 3 feet.....	6.00	55.00	500.00

opulus sterile, Common Snowball. 10-12 ft.

Popular shrub. Blooms profusely. Large double white flowers. April-May.

	5.50	-----	-----
18 to 24 inches.....	5.50	-----	-----
2 to 3 feet.....	7.00	65.00	-----
3 to 4 feet.....	8.50	80.00	-----

sieboldi, Siebold Viburnum. 10 ft.

Deciduous shrub, with stout branches and handsome dark green foliage, large for the genus.

	2.90	25.00	-----
9 to 12 inches.....	2.90	25.00	-----

WEIGELA BRISTOL RUBY, Plant Patent No. 492.

Improved Weigela Eva Rathke hardier and more thrifty. Large soft ruby-red flowers, shading to garnet crimson.

	Per 10	Per 100	Per 1000
12 to 18 inches (Retails \$1.50 each).....	\$ 5.00	\$ 45.00	\$ -----
18 to 24 inches (Retails \$2.00 each).....	8.00	60.00	-----
2 to 3 feet (Retails \$2.50 each).....	9.00	80.00	-----
3 to 4 feet (Retails \$3.00 each).....	12.50	-----	-----

WEIGELA**Eva Rathke, Red Flowered Weigela. 4-5 ft.**

Per 10 Per 100 Per 1000

Blooms profusely, producing brilliant crimson flowers. May-June.

	\$ 3.70	\$ 32.00	\$280.00
12 to 18 inches.....	\$ 3.70	\$ 32.00	\$280.00
18 to 24 inches.....	5.00	45.00	400.00
2 to 3 feet.....	6.00	55.00	500.00

Dwarf Variegated, nana variegata. 5 ft.

Growth dwarf, compact, variegated leaves. Light pink flowers. May-June.

	3.50	30.00	-----
12 to 18 inches.....	3.50	30.00	-----
18 to 24 inches.....	5.00	45.00	-----

rosea, (florida) Pink Weigela. 6-8 ft.

Popular shrub with beautiful showy pink flowers. May-June.

	3.20	28.00	250.00
12 to 18 inches.....	3.20	28.00	250.00
18 to 24 inches.....	4.50	40.00	350.00
2 to 3 feet.....	5.50	50.00	450.00

ORNAMENTAL SHRUBS—Continued

HEDGING

Lighter stock than regular grade of shrubs; good hedging grades.

BARBERRY, *Berberis thunbergi*, Japanese Barberry.

	Per 10	Per 100	Per 1000
9 to 12 inches, 2 year seedlings, branched	\$ ----	\$ 8.50	\$ 75.00
12 to 18 inches, 2 year seedlings, branched	----	11.00	100.00
18 to 24 inches, 2 year seedlings, branched	----	16.00	140.00
12 to 15 inches, transplanted, 2 year branched, bushy	----	21.00	180.00

Red Leaved, *atropurpurea*.

15 to 18 inches, 2 year Seedlings, branched	----	21.00	180.00
18 to 24 inches, 2 year Seedlings, branched	----	29.00	250.00

CARAGANA, *aborescens*, Siberian Peatree.

12 to 18 inches, seedlings	----	3.50	30.00
18 to 24 inches, seedlings	----	4.50	40.00
2 to 3 feet, seedlings	----	6.00	55.00

ELM CHINESE. (See Deciduous Tree Seedlings).**HONEYSUCKLE, Tatarian, *Lonicera tatarica*.**

6 to 9 inches (seedlings)	----	4.00	35.00
9 to 12 inches (seedlings)	----	5.60	50.00
12 to 18 inches (seedlings)	----	7.50	65.00
18 to 24 inches (seedlings)	----	11.00	100.00

MULBERRY, Russian, *Morus tatarica*.

6 to 12 inches	----	1.20	10.00
12 to 18 inches	----	1.90	16.00
18 to 24 inches	----	2.90	25.00

PRIVET. (See Shrubs.)**RUSSIAN OLIVE, *Elaeagnus angustifolia*.**

18 to 24 inches	----	5.00	45.00
2 to 3 feet	----	7.50	65.00

SPIREA *Vanhoutte*.

18 to 24 inches	----	16.00	140.00
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VINES

Tied 2-year Medium, 25; 2-year No. 1, 10; 3-year, 10 per bundle.

AMPELOPSIS, Boston Ivy, *Parthenocissus tricuspidata* (veitchi). 30-40 ft.

Beautiful foliage in spring and summer changing to crimson-scarlet in autumn. Clings to brick, stone or concrete walls. Succeeds best in this latitude on north or east side.

	Per 10	Per 100	Per 1000
2 year Medium	\$ 3.50	\$ 30.00	\$ ----
2 year No. 1	4.50	40.00	350.00

Engelmann Creeper, *engelmanni*. 30-40 ft.

A good hardy, clinging vine with smaller leaves than Virginia Creeper. More brilliant coloring in autumn.

2 year Medium	2.90	25.00	----
2 year No. 1	3.50	30.00	----

Virginia Creeper, *quinquefolia*. 30-40 ft.

A rapid growing, hardy vine suitable for covering trellises, stone walls and verandas.

2 year Medium	2.90	25.00	----
2 year No. 1	3.50	30.00	270.00
3 year No. 1	4.00	35.00	----

VINES—Continued

BIGNONIA, (Campsis) radicans, Trumpet Vine. 20-30 ft.			
Upright growing vine. Trumpet shaped, scarlet flowers. July-August.			
2 year Medium	\$ 2.90	\$ 25.00	\$ -----
2 year No. 1	3.50	30.00	-----

CELASTRUS, orbiculatus, Oriental Bittersweet. 30-40 ft.			
Rapid growing, twining vine. Bright orange berries with scarlet seeds in autumn, hanging on late.			
2 year Medium	2.90	25.00	-----
2 year No. 1	3.50	30.00	-----

scandens, American Bittersweet. 20-25 ft.			
Hardy vine producing bunches of red berries retaining their color a long period and popular for cutting and hanging in the home.			
2 year Medium	2.90	25.00	-----
2 year No. 1	3.50	30.00	-----

CLEMATIS, Large Flowering. 10-15 ft.			
Popular hybrids on account of the beautiful purple, red and white flowers.			
2¼ inch, DORMANT, pot plants	5.50	50.00	-----
Jackmani, purple			

EUONYMUS radicans, (fortunei) Wintercreeper. 5-6 ft.			
Evergreen, shining deep green foliage. Upright habit. Needs some protection.			
2 year Medium	5.50	50.00	450.00
2 year No. 1	6.50	60.00	550.00

radicans coloratus, Purpleleaf Wintercreeper.			
Almost evergreen. Long, narrow leaves of deep green, tinged purple; highly colored in fall and early winter.			
2 year Medium	4.50	40.00	-----
2 year No. 1	5.50	50.00	450.00

HEDERA helix, English Ivy.			
Semi-hardy evergreen vine. Best in shady locations. Needs protection.			
2½ inch ot plants	1.80	15.00	-----

HONEYSUCKLE, Lonicera			
Gold Flame. 15 ft.			
Everblooming trumpet-shaped flowers. Fragrant, bright red outside, yellow inside. Hardy.			
2 year Medium	4.00	35.00	-----
2 year No. 1	4.50	40.00	-----

Hall's Japan, japonica halleana. 20-25 ft.			
Rapid growing vine with beautiful foliage. Delightfully fragrant, creamy white flowers. Makes a fine hedge or covering for caves or unsightly places.			
2 year Medium	2.10	18.00	160.00
2 year No. 1	2.60	22.50	200.00
3 year No. 1	2.90	25.00	-----

heckrotti, (Summer King). 15 ft.			
Large, fragrant, flame-red trumpets lined with gold are produced in immense showy clusters; blooming from early summer until frost. The blooms are produced the same year the plant is set out. Foliage, dark blue-green, disease and pest free. Hardy			
2 year Medium	4.00	35.00	-----
2 year No. 1	4.50	40.00	-----

Scarlet Trumpet Honeysuckle, sempervirens. 20-30 ft.			
Upright grower. Dark green foliage. Long tubular scarlet flowers.			
2 year Medium	2.90	25.00	-----
2 year No. 1	3.50	30.00	-----
3 year No. 1	4.00	35.00	-----

VINES—Continued

POLYGONUM auberti, Silvervine Fleeceflower. 25-30 ft.

Rapid growing climber producing throughout summer and fall large foamy sprays of creamy white flowers.			
	Per 10	Per 100	Per 1000
2 year Medium.....	\$ 3.50	\$ 30.00	\$. . .
2 year No. 1	4.50	40.00	350.00

WISTERIA, American frutescens. 20-25 ft.

Tall, vigorous climber. Lilac purple flowers. June-July.			
2 year Medium, grown from blooming wood.....	2.90	25.00	.....
2 year No. 1, grown from blooming wood.....	4.00	35.00	.....
3 year No. 1, grown from blooming wood.....	4.50	40.00	.....



EVERGREENS

Prices are for Evergreens Securely Balled and Burlapped.

Our Evergreens have all been three times x x x transplanted, having been grown with plenty of room for development. Have been properly sheared and pruned for producing compact, symmetrical specimens.

Evergreens selected and tagged by customers in the nursery field will be subject to a 20% additional charge.

Height specified after variety indicates height tree should obtain at maturity.

WE CANNOT ASSUME RESPONSIBILITY FOR THE SUCCESSFUL TRANSPLANTING OF EVERGREENS, AS WEATHER CONDITIONS, METHOD OF HANDLING AND CARE GOVERN RESULTS SECURED AND ARE SOLD WITH THE DISTINCT UNDERSTANDING THAT IF THEY ARRIVE IN GOOD CONDITION AND ARE ACCEPTED, OUR RESPONSIBILITY CEASES.

THE FOLLOWING EVERGREENS ARE OFFERED ONLY IN CONNECTION WITH ASSORTED ORDERS.

JUNIPER, *Juniperus*

CHINENSIS COLUMNARIS GLAUCA

Very rapid growing Evergreen. Forms a tall narrow column of blue foliage. Spire-like effect.

	Per 10	Per 100
4 to 5 feet	\$67.50	\$625.00
5 to 6 feet	77.50	750.00
7 to 8 feet	110.00	1000.00

CHINENSIS PFITZERIANA, Pfitzer Juniper. 5-6 ft.

Handsome gray green foliage. A valuable hardy prostrate variety succeeding almost everywhere.

2½ to 3 feet (Staked Upright)	55.00	500.00
3 to 3½ feet (" ")	65.00	600.00

CHINENSIS PFITZERIANA AUREA. Golden Pfitzer.

Golden type of Pfitzer with bright yellow foliage on new growth.

15 to 18 inches	30.00	275.00
18 to 24 inches	35.00	325.00
2 to 2½ feet	40.00	-----

CHINENSIS PFITZERIANA HETZII GLAUCA

Blue type of Pfitzer. A new prostrate of merit.

15 to 18 inches	27.50	250.00
18 to 24 inches	32.50	300.00

COMMUNIS DEPRESSA PLUMOSA, Andorra Juniper. 2 ft.

A low growing spreading dwarf Evergreen. Beautiful silvery green in spring turning to rich purple-bronze in Autumn.

15 to 18 inches	25.00	225.00
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COMMUNIS HIBERNIA, Irish Juniper. 7-8 ft.

Foliage glaucous green. An old, well known popular variety.

2 to 3 feet	27.50	250.00
3 to 4 feet	35.00	325.00
4 to 5 feet	42.50	400.00

EXCELSA STRICTA, Spiny Greek Juniper. 4-5 ft

Grows rather broad, tapering to a pointed terminal top. Gray-green foliage.

15 to 18 inches	17.50	-----
3 to 3½ feet	40.00	-----

SABINA, Savins Juniper. 3-4 ft.

Spreading form with slender branches and dark green leaves. Excellent for foundation work and underplanting.

15 to 18 inches	27.50	250.00
18 to 24 inches	32.50	300.00
2 to 2½ feet	37.50	350.00

EVERGREENS—Continued**JUNIPER—Continued****MOUNT ARBOR INTRODUCTIONS**

The following varieties were selected from a seedling block of Colorado Scopulorum in our nursery.

Although there were eight outstanding green types, we have selected these four as the most promising.

SCOPULORUM ADMIRAL (J-8-A). 20-30 ft.	Per 10	Per 100
Bushy, broad, pyramidal habit of growth. Plum-like gray-green foliage.		
2½ to 3 feet.....	\$50.00	\$
3 to 3½ feet.....	60.00	.....
3½ to 4 feet.....	67.50	.....

SCOPULORUM PYRAMIDAL GREEN (J-2-A). 20-30 ft.		
Foliage similar to virginiana schottii. Upright pyramidal habit of growth. Heavy foliage.		
2½ to 3 feet.....	50.00	.....

SCOPULORUM, Colorado Silver Juniper. 25-30 ft.	Per 10	Per 100
Silvery foliage and close symmetrical upright growth. Thrives in hot, dry weather when the color is brightest. Very hardy. Seedling type.		
2½ to 3 feet.....	\$37.50	\$350.00
3 to 3½ feet.....	42.50	400.00

SCOPULORUM WELCHI		
Grafted columnaris type scopulorum with greenish silver foliage. Pyramidal habit of growth retained without shearing.		
2½ to 3 feet.....	47.50	...

SQUAMATA MEYERI, Meyer Juniper. 6-8 ft.		
Grows in an irregular form. Distinct foliage showing various shades.		
15 to 18 inches.....	27.50	.....

VIRGINALIS, Hillbush Juniper. 4-5 ft.		
Attractive dark green foliage. Slow growing upright branches. Vase shaped. Can be sheared into attractive globe form. Grafted.		
15 to 18 inches	35.00	.....

VIRGINIANA, Red Cedar.		
Platte River Strain. Deep green foliage, sometimes silver. Excellent globe tree if kept sheared. Can be sheared into any form.		
4 to 5 feet.....	55.00	500.00
5 to 6 feet.....	65.00	600.00

VIRGINIANA PYRAMIDALIS HILLI. 10-15 ft.		
Upright evergreen with dark green foliage. Slow growing. Grafted.		
3 to 3½ feet.....	55.00	...

VIRGINIANA PYRAMIDIFORMIS. Dundee Juniper.		
The gray-blue color of this narrow pyramidal Juniper changes to purple during fall and winter.		
2½ to 3 feet.....	47.50	...
3 to 3½ feet.....	55.00	.....

EVERGREENS FOR LINING OUT

The make up and handling of this line of stock means success or failure to the planter. Our stock is grown in rich, sandy loam, which builds a wonderful system of roots. With our experience in handling, the planter is assured of good results. SHIPMENT — DIRECT FROM FREMONT, NEBRASKA. ORDER EARLY.

Root pruned grades are available for SPRING ONLY.
50 of any variety and size at the hundred rate.

KEY—TTT—Three times transplanted. RP—root Pruned

OUR ROOT PRUNED STOCK WILL PLEASE YOU

	Per 10	Per 100
JUNIPERUS HIBERNICA FASTIGIATA, (Irish Juniper.)		
9 to 12 inches TTT	\$ 5.00	\$ 45.00
JUNIPERUS PFITZERIANA, Pfitzer Juniper.		
9 to 12 inches TTT	6.50	60.00
JUNIPERUS SABINA, Savins Juniper.		
6 to 9 inches TTT	4.50	40.00
JUNIPER SCOPULORUM—Silver Cedar.		
9 to 12 inches R.P.	1.50	12.00
6 to 9 inches R.P.	1.20	10.00
JUNIPER VIRGINIANA—Red Cedar.		
18 to 24 inches R.P.	3.50	30.00
12 to 18 inches R.P.	3.00	25.00
PICEA CANADENSIS ALBA, White Spruce.		
12 to 15 inches R.P.	1.80	15.00
PICEA EXCELSA, Norway Spruce.		
12 to 15 inches R.P.	2.00	18.00
6 to 9 inches R.P. ....	.90	7.00
4 to 6 inches R.P. ....	.70	5.00
PICEA PUNGENS GLAUCA, Colorado Spruce.		
9 to 12 inches R.P.	3.00	27.00
6 to 9 inches R.P.	2.50	20.00
4 to 6 inches R.P.	1.50	12.00
PINUS BANKSIANA, Jack Pine.		
12 to 18 inches R.P.	2.00	15.00
9 to 12 inches R.P.	1.00	8.00
PINUS EDULIS, Nut-Pinon Pine.		
9 to 12 inches R.P.	1.20	10.00
6 to 9 inches R.P. ....	.80	7.00
PINUS NIGRA, Austrian Pine.		
12 to 18 inches R.P.	3.00	25.00
9 to 12 inches R.P.	1.20	10.00
6 to 9 inches R.P. ....	.90	7.00
PINUS PONDEROSA, Bull Pine or Western Yellow.		
12 to 18 inches R.P.	3.00	25.00
9 to 12 inches R.P.	1.20	10.00
6 to 9 inches R.P. ....	.90	7.00
PINUS SYLVESTRIS, Scotch Pine.		
18 to 24 inches R.P.	3.00	25.00
12 to 18 inches R.P.	2.00	17.00
9 to 12 inches R.P.	1.00	8.00
6 to 9 inches R.P. ....	.80	6.00
THUJA OCCIDENTALIS WOODWARDI, Woodward's Globe.		
9 to 12 inches TTT	5.00	45.00
6 to 9 inches TTT	4.00	35.00
THUJA ORIENTALIS COMPACTA, Chinese Arbor Vitae.		
9 to 12 inches R.P.	1.50	12.00
6 to 9 inches R.P.	1.00	8.00

HOW TO SUCCEED WITH POTTED ROSES

These suggestions are based on information supplied by customers who have successfully grown roses in pots for several years. As there is a wide difference in soil and climatic conditions, proper allowance must be made for any unusual conditions in your area.

1. When To Pot Roses

Arbitrary dates can not be established as this date is influenced by local weather, facilities to protect plants in leaf from damaging frosts, when you wish to start selling, etc. Unless you have facilities to protect from damaging frosts, bushes should not be forced into leaf before all danger of freeze damage is past.

2. Preparation Of Potting Soil

It is important that the soil drain well and not cake in pot. If you have good friable garden loam, use 4 parts dirt and 1 part (20% to 25%) fiber (i.e., 1 part sphagnum peat or rotted cow manure). If your soil is too heavy, use 3 parts soil, 1 part sand or Terralite or Vermiculite, and 1 part fiber. To above, add 10 to 12 lbs. 5-10-5 fertilizer for each cubic yard of soil.

Mix well and run through a soil shredder.

3. Pruning Bushes

Prune tops to 6 to 8 inches above bud. Cut roots to 6 to 8 inches.

4. Planting Bush In Pot

Put 3 to 4 inches prepared soil in bottom of pot. Hold bush centered in pot with roots spread in all directions (but not folded). Fill pot $\frac{1}{2}$ to $\frac{2}{3}$ full of prepared soil and carefully tamp it firmly around roots. Fill pot to 1 inch from the top with firmly tamped soil. Bud should be at soil line or slightly higher.

5. Care Of Potted Bushes In Frames

Frames should be located in a sunny, well drained area protected from severe winds. Set pots in frames separated 2 to 4 inches on all sides to provide proper aeration. Soak well with water.

Cover frames with burlap which hangs well over edges and is fastened so winds will not disturb. Or, pack clean hay or straw firmly around top branches. Keep this burlap or hay moist at all times. Do not remove until eyes on most bushes begin to show green.

IT IS IMPERATIVE TO MAINTAIN HIGH HUMIDITY UNDER BURLAP AND CANES ARE NOT PERMITTED TO DRY-OUT.

6. Foliar Feeding After Foliage Appears

Excellent results are secured with the newer water soluble fertilizers applied as you water the plants. If used as directed on container, root and top growth are stimulated without damage.

ROSES

Northern California Grown Under Irrigation

Our roses are Northern California grown, now available for shipment from Shenandoah. They are carefully grown; well sprayed during the growing season and dug only when well ripened. All are carefully graded under our personal supervision and with our exceptional storage facilities for storing and handling of roses, we are in a position to supply first class plants which give satisfaction.

NEW SERVICES TO OUR CUSTOMERS

1. If you request it on your order, we will supply without charge, copper wired printed wood labels for each non-patented rose purchased from us.
2. Large 4-color pictures of most varieties of roses purchased from us, will be supplied at cost. Ask our Salesmen or write us.

T—Preceding variety indicates comparative tall growing varieties.

M—Preceding variety indicates comparative medium growing varieties.

S—Preceding variety indicates comparative short growing variety.

Figures following variety indicates rating by American Rose Society.

All Roses are tied No. 1 and No. 1½, 10 per bundle. We do not break bundles.

HYBRID TEA AND EVERBLOOMING

	Per 10	Per 100	Per 1000
No. 1	\$ 6.50	\$ 60.00	\$550.00
No. 1½	5.25	47.50	425.00
No. 2	4.00	35.00	300.00

★Not available in number one grade.

RED SHADES

M **Ami Quinard**, (6.2). Velvety crimson-maroon, vigorous and profuse.

M **Christopher Stone**, (8.8). Free blooming plant producing fragrant, velvety-textured roses of vivid-scarlet deliciously scented.

★S **Crimson Glory**, (9.5). Well known deep velvety-crimson of merit.

M **E. G. Hill**, (6.5). Great massive blooms of deep velvety-maroon.

T **Ena Harkness**, (6.4). Famous English award winner producing crimson-scarlet blooms. Holds color well.

★M **Etoile de Hollande**, (8.9). Dark velvety-red with fine fragrance.

M **Gruss an Teplitz**, (7.1). Medium sized, dark maroon blooms in clusters. Very hardy.

M **Margaret McGredy**, (7.7). Full blooms of orange-scarlet.

★M **McGredy's Scarlet**, (7.9). Large brilliant scarlet shaded rose-pink.

S **Nigger Boy**, (8.9). Double, high-centered, fragrant. Dark velvety, blackish maroon.

★M **Night**, (6.4). Best of the deep dark reds. Buds and flowers are well shaped, double. Spicy, clove and cinnamon fragrance. Vigorous grower.

T **Poinsettia**, (8.4). Bud long-pointed; large, double open flowers of bright unfading scarlet. Vigorous, prolific bloomer.

T **Radiance Red**, (8.0). Bright rose-red, form of Radiance.

M **Rouge Mallerin**, (6.5). Double, well formed blooms of striking and lasting deep red.

PINK SHADES

M **Betty Uprichard**, (7.9). Salmon-pink stained with coppery-red.

M **Briarcliff**, (6.7). Handsome flowers of silvery rose-pink.

M **Dame Edith Helen**, (6.4). Excellent shape, glowing pink, double.

M **Editor McFarland**, (7.7). Shapely buds and double, brilliant pink blooms.

M **Numa Fay**, (7.5). Large, well-shaped buds of pale orange-salmon shading to pale pink edges. Open flowers are pale salmon-pink.

M **Picture**, (8.4). Velvety-clear rose-pink with undertones of salmon. Very double.

★M **Pink Dawn**, (7.1). Perfectly formed, pink buds touched with salmon-rose.

ROSES—Continued

HYBRID TEA AND EVERBLOOMING—Continued

YELLOW SHADES

- S Golden Dawn, (8.1). Bud rich sunflower-yellow flushed old rose. Double.
M McGredy's Yellow, (7.9). Bright buttercup yellow with perfect form. Fragrant.
★M Mrs. E. P. Thom, (7.1). Large, well shaped, bright canary yellow.
M Mrs. Pierre S. duPont, (7.8). Bud reddish-gold, flower golden-yellow, lighter with age.
M Phyllis Gold, (6.3). Bright yellow with good form.
T Soeur Therese, (7.9). Double blooms of rich yellow. Vigorous.
T Yellow Sastago, (7.0). Vigorous yellow sport of the popular bush variety.

TWO-TONED SHADES

- ★M Autumn, (6.5). Double blooms of orange, yellow and red. Vigorous and upright.
★S Bright Wings, (7.1). Bud long-pointed, rosy orange; large double, cupped, orange center shading to pink; strong stem.
T Condesa de Sastago, (7.9). Deep coppery-pink inside, golden-yellow reverse; double. Vigorous and prolific.
M Contrast, (6.8). Long-pointed bud opening to large, double high-centered flowers of pink and bronze, reverse white and bronze; long stem. Vigorous and profuse.
M Duquesa de Penaranda, (7.9). Beautiful deep apricot.
S Hinrich Gaede, (6.9). Bright vermilion toned gold; good form; fragrant, a distinct and excellent variety.
M Mme. Joseph Perraud, (7.8). High-centered, perfectly formed buds and double blooms shading from shell-pink at the edges to buff and orange in the center. An excellent variety of superior quality.
M Mrs. Sam McGredy, (8.3). A large, long-pointed bud; flower large, double, and in color scarlet-copper-orange, heavily flushed with red on outside of petals. A vigorous grower, disease resistant and prolific bloomer.
T Pres. Herbert Hoover, (8.2). Beautifully colored buds and blooms of yellow with pink and flame tints.
T Talisman, (8.3). Glowing golden-yellow stained copper red.

WHITE SHADES

- ★M Caledonia, (5.6). Large double white; long buds opening to large, double flowers.
T K. A. Viktoria, (7.2). Popular, snowy white, double.
M McGredy's Ivory, (7.8). Large, well shaped, creamy-white; fragrant.
M Mme. Jules Bouche, (7.3). White with blush tints in center.
M Pedralbes, (8.0). Large, creamy-white opening to pure white with a yellow center. Airy fragrance.
S Snowbird, (7.6). Most prolific, pure white bedding rose. Full-petaled and perfectly formed.

HYBRID PERPETUAL

	Per 10	Per 100	Per 1000
No. 1 -----	\$ 6.50	\$ 60.00	\$550.00
No. 1½ -----	5.25	47.50	425.00

RED SHADES

- M Ulrich Brunner, (7.1). Large, fine shaped blossoms of cherry red.

WHITE SHADES

- T Frau Karl Druschki, (8.0). Very popular large pure white.

ROSES—Continued

BABY ROSES—Dwarf Polyantha and Floribunda

	Per 10	Per 100	Per 1000
No. 1	\$ 6.50	\$ 60.00	\$550.00
No. 1½	5.25	47.50	425.00

★Not available in number one grade.

M ***Alain**, (8.0). Bright carmine-red blooms come in clusters all over the densely branching plants; a good clear, lasting color. Semi-double, with large, bright golden centers. Thick foliage on strong green stems and husky plants. 2½ feet tall.

M ***Baby Chateau**, (7.3). Deep red massive blooms. One of the best of its type.

S ***Cameo**, (7.8). A distinct shade of shell-pink and salmon, with a glow of gold.

M ***Cheer**, (7.7). Ovoid orange-pink, with large blooms about four inches, opening gracefully in large clusters. Vigorous, prolific.

M ***Dagmar Spaeth**, (8.2). Alabaster white edged pink.

T ***Ellen Poulsen**, (7.6). Double, bright rose-pink, fragrant.

★M ***Eutin**, (8.6). Large clusters of very double, deep red flowers on a vigorous mildew resistant bush.

★T ***Floradora**, (8.2). Scarlet and geranium red floribunda producing double 25 petaled flowers. Height 2½ feet. A.A.R.S. 1945 award.

M ***Frensham**, (8.2). Large, semi-double, slightly fragrant, deep crimson. Foliage dark, leathery. Very vigorous, bushy; abundant bloom.

S ***Gloria Mundi**, (6.6). Large, fully double lasting, orange-scarlet, borne in clusters.

S ***Golden Salmon**, (6.5). Bright orange-salmon. Fine for mass planting, blooms continually.

T ***Kirsten Poulsen**, (7.8). Bright scarlet in clusters on long stems.

M ***Lafayette Improved**, (7.3). Large clusters of bright cherry-crimson.

S ***Orange Triumph**, (8.1). Salmon-red with orange shadings, blooming in enormous clusters.

T ***Permanent Wave**, (8.1). Large semi-double flowers of rosy-pink with cerise edges. Petals are waved permanently from bud stage to the finish.

S ***Pink Gruss an Aachen**, (7.4). Deep salmon rose colored sport of Gruss an Aachen.

S ***Poulsen's Bedder**, (7.6). Strong upright plant attaining a height of about 3 ft., producing masses of big, slightly ruffled blooms of clear rich pink. Long lasting.

M ***Red Ripples**, (7.8). Flowers semi-double, open, slightly fragrant, oxblood-red to carmine.

M ***Triomphe Orleanais**, (6.9). Large clusters of cherry-red.

***FLORIBUNDA AND HYBRID POLYANTHA VARIETIES.**

Visitors are always welcome to inspect our rose fields at Gustine, California — 90 miles south and east from San Francisco or 22 miles south from Modesto.

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled — the most modern refrigeration and air conditioning equipment available.

ROSES—Continued

RUGOSA, HYBRIDS AND MISCELLANEOUS

Amelia Gravereaux, carmine-red, borne on long stem.

	Per 10	Per 100	Per 1000
18 to 24 inches.....	\$ 6.00	\$ 55.00	\$
12 to 18 inches.....	5.00	45.00	.....

Austrian Copper, single brilliant orange-red flowers inside, and yellow outside.

12 to 18 inches.....	5.00	45.00	- ..
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Belle Poitevine, bright pink in clusters, everblooming.

2 to 3 feet.....	6.00	55.00
18 to 24 inches.....	5.00	45.00	.....
12 to 18 inches.....	4.00	35.00	.....

Blanc Double de Coubert, large white flowers, fairly double, fragrant, Rugosa Alba sport.

12 to 18 inches.....	5.00	45.00	- ..
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Carolina, bright rose-pink flowers, borne singly in clusters.

2 to 3 feet.....	5.50	50.00
18 to 24 inches.....	4.50	40.00	.....
12 to 18 inches.....	3.50	30.00	.....

F. J. Grootendorst, small bright red flowers in clusters.

2 to 3 feet.....	7.00	65.00	600.00
18 to 24 inches.....	6.00	55.00	500.00
12 to 18 inches.....	5.00	45.00	400.00

Grootendorst Pink, charming pink variety of Grootendorst.

2 to 3 feet.....	7.00	65.00	600.00
18 to 24 inches.....	6.00	55.00	500.00
12 to 18 inches.....	5.00	45.00	400.00

Grootendorst Supreme, sport of F. J. Grootendorst with deeper crimson-red longer-lasting flowers than its parent.

2 to 3 feet.....	7.00	65.00	.....
18 to 24 inches.....	6.00	55.00	.....
12 to 18 inches.....	5.00	45.00	.....

Hugonis, light yellow flowers borne profusely along the branches. Very hardy, blooms very early.

3 to 4 feet.....	8.00	75.00	700.00
2 to 3 feet.....	6.50	60.00	550.00
18 to 24 inches.....	5.50	50.00	450.00
12 to 18 inches.....	4.00	35.00	.....

Lucida, bright pink flowers followed by shining red fruit.

2 to 3 feet.....	5.50	50.00	.....
18 to 24 inches.....	4.50	40.00	.....

Multiflora japonica, Japanese Rose. Thorny type. Excellent for hedges, game and bird refuge.

2 to 3 feet.....	5.50	50.00	450.00
18 to 24 inches.....	4.50	40.00	350.00
12 to 18 inches.....	3.50	30.00	270.00

Rugosa Rubra, large single flowers of various shades of pink, magenta, and rosy crimson, blooms early.

2 to 3 feet.....	7.00	65.00	600.00
18 to 24 inches.....	6.00	55.00	500.00
12 to 18 inches.....	5.00	45.00	400.00

Sarah Van Fleet, large, very fragrant, lasting, wild-rose pink flowers.

2 to 3 feet.....	6.50	60.00	.....
18 to 24 inches.....	6.00	55.00	.....
12 to 18 inches.....	5.00	45.00	.....

ROSES—Continued

RUGOSA, HYBRID AND MISCELLANEOUS—Continued		Per 10	Per 100	Per 1000
Setigera, bright pink flowers, big clusters, blooms late.				
2 to 3 feet		\$ 5.50	\$ 50.00	\$
18 to 24 inches		4.50	40.00	350.00
12 to 18 inches		3.50	30.00	-----
Sir Thomas Lipton, double snowy white flowers of good size.				
2 to 3 feet		6.50	60.00	-----
18 to 24 inches		5.50	50.00	-----
12 to 18 inches		4.50	40.00	-----
Skyrocket (Wilhelm), Shrub rose with pointed buds opening to large single red flowers borne in large clusters; fragrant. Blooms from June to October.				
2 to 3 feet		6.50	60.00	-----
18 to 24 inches		5.50	50.00	-----

CLIMBERS AND RAMBLERS

Our Climbing Roses are California grown, mostly own roots, excepting Climbing Hybrid Teas are Buds. They are well furnished plants, well graded and we are confident they will please

Aloha—See patented Roses for prices and descriptions.		Per 10	Per 100	Per 1000
American Pillar, single rose pink, white center, vigorous.				
No. 1		\$ 5.50	\$ 50.00	\$
No. 1½		4.50	40.00	-----
No. 2		3.50	30.00	-----
Blaze, (7.8). Hardy, vigorous climbing rose similar to Paul's Scarlet. Recurrent bloomer. Scarlet Crimson flower.				
XX Heavy		7.00	65.00	-----
No. 1		6.50	60.00	550.00
No. 1½		5.50	50.00	450.00
No. 2		3.70	32.00	280.00
City of York, (8.8). Cupped, wild-rose fragrance, creamy white. Foliage glossy, leathery. Very vigorous climbing; profuse bloom.				
No. 1		6.50	60.00	-----
No. 1½		5.50	50.00	-----
No. 2		3.70	32.00	-----
Climbing American Beauty, (7.6). Flowers rich red to Crimson.				
XX Heavy		6.50	60.00	-----
No. 1		6.00	55.00	500.00
No. 1½		5.00	45.00	400.00
No. 2		3.20	28.00	250.00

Cl. Charlotte Armstrong—See Patented Roses for prices and description.

Climbing Forty-Niner—See Patented Roses for prices and description.

Climbing Goldilocks—See Patented Roses for prices and description.

Climbing Hybrid Tea.				
No. 1		7.00	65.00	600.00
No. 1½		6.00	55.00	-----

Pink Radiance, large rose-pink.	Pres. Hoover, maroon, orange and gold.
Talisman, yellow stained copper red.	

		Per 10	Per 100	Per 1000
Crimson Rambler, beautiful dazzling scarlet-red borne in giant sprays.				
No 1		\$ 5.00	\$ 45.00	\$400.00
No. 1½		4.00	35.00	300.00
No. 2		2.50	22.00	-----
Dorothy Perkins, (6.1). Soft shell pink flowers.				
No. 1		4.50	40.00	350.00
No. 1½		3.20	28.00	250.00
No. 2		2.40	20.00	-----

Dr. J. H. Nicolas—See Patented Roses for prices and description.

ROSES—Continued

CLIMBERS AND RAMBLERS—Continued	Per 10	Per 100	Per 1000
Dr. Van Fleet, (8.7). Pale pink buds and flowers on long stems.			
XX Heavy -----	\$ 6.50	\$ 60.00	\$ -----
No. 1 -----	6.00	55.00	500.00
No. 1½ -----	5.00	45.00	400.00
No. 2 -----	3.20	28.00	250.00
Excelsa, double scarlet crimson blooms.			
No. 1 -----	4.50	40.00	350.00
No. 1½ -----	3.20	28.00	250.00
No. 2 -----	2.40	20.00	-----
Flower of Fairfield, deep crimson, similar to Crimson Rambler.			
No. 1 -----	5.00	45.00	-----
No. 1½ -----	4.00	35.00	-----
No. 2 -----	2.50	22.00	-----
Gardenia, yellow buds and creamy flowers with rich yellow centers.			
No. 1 -----	5.50	50.00	-----
No. 1½ -----	4.50	40.00	-----
No. 2 -----	2.90	25.00	-----
King Midas —See Patented Roses for prices and description.			
Mary Wallace, (8.1). Outstanding large flowered pink climber.			
No. 1 -----	6.00	55.00	-----
No. 1½ -----	5.00	45.00	-----
No. 2 -----	3.50	30.00	-----
New Dawn, (8.8). EVERBLOOMING CLIMBING ROSE. Apple blossom pink flowers with old-rose fragrance.			
No. 1 -----	6.50	60.00	-----
No. 1½ -----	5.50	50.00	-----
No. 2 -----	4.00	35.00	-----
Paul's Scarlet, (9.2). Intense scarlet flowers of excellent shape and good size, borne in clusters.			
XX Heavy -----	6.50	60.00	-----
No. 1 -----	6.00	55.00	500.00
No. 1½ -----	5.00	45.00	400.00
No. 2 -----	3.20	28.00	250.00
Primrose, hardy, double canary-yellow flowers.			
No. 1 -----	6.00	55.00	-----
No. 1½ -----	5.00	45.00	-----
No. 2 -----	3.50	30.00	-----
Royal Scarlet, similar to Paul's Scarlet but smaller and deeper in color.			
XX Heavy -----	6.50	60.00	-----
No. 1 -----	6.00	55.00	-----
No. 1½ -----	5.00	45.00	-----
No. 2 -----	3.20	28.00	-----
Seven Sisters, double, deep pink, borne in large clusters.			
No. 1 -----	4.50	40.00	-----
No. 1½ -----	3.50	30.00	-----
No. 2 -----	2.40	20.00	-----
Silver Moon, (7.9). Large buds, creamy white flowers and semi-double golden anthers, small sprays.			
No. 1 -----	4.50	40.00	-----
No. 1½ -----	3.50	30.00	-----
No. 2 -----	2.40	20.00	-----
Wichuriana (Memorial Rose). Clusters of white flowers trailing habit, glossy leaves, fine ground cover.			
No. 1 -----	4.50	40.00	350.00
No. 1½ -----	3.50	30.00	-----
No. 2 -----	2.40	20.00	-----

ROSES—Continued

PATENTED HYBRID TEA ROSES

We are offering the following Roses under license from patentee, and it is understood and agreed that they are FOR SALE AT RETAIL ONLY, at prices specified. Prices are NET.

	10-20 Each	20-100 Each	100-250 Each	250-up Each
M Applause, (7.8). Patent No. 829. (Retails \$2.00 each; 3 or more \$1.75 each.) Large fragrant buds are sparkling light red in color, opening slowly to perfectly shaped fifty-petaled open blooms, heavy with fragrance. Winner of the much-prized BAGATELLE GOLD MEDAL.				
No. 1	\$1.10	\$1.00	\$.95	\$.85
No. 1½ .....	.88	.80	.76	.68
T Capistrano, (7.6). Patent No. 922. (Retails \$2.00 each; 3 or more \$1.75 each.) Rich shade of deep glowing rose pink, in the bud as well as in the open flower. It retains its brilliant color throughout the life of the flower without fading. Produces large buds and flowers, on extra long, strong heavy stems. Blooms have a rich, heavy, lasting fragrance. A.A.R.S. award for 1950.				
No. 1	1.10	1.00	.95	.85
No. 1½ .....	.88	.80	.76	.68
M Charles Mallerin, (6.4). Patent No. 933. (Retails \$2.50 each; 3 or more \$2.20 each.) Originated in France by Francis Meilland. A gorgeous Rose with blooms of midnight crimson velvet. Broad and heavy; very fragrant.				
No. 1	1.40	1.25	1.20	1.10
No. 1½	1.12	1.00	.96	.88
T Charlotte Armstrong, (9.0). Patent No. 455. (Retails \$2.25 each; 3 or more \$2.00 each.) Unique color with long slender blood-red buds opening to magnificent brilliantly colored open flowers, spectrum-red in cool weather, cerise in hot weather, A.A.R.S. award for 1941.				
No. 1	1.25	1.12½	1.05	.95
No. 1½	1.00	.90	.84	.76
M Chrysler Imperial, (8.4). Patent No. 1167. (Retails \$2.50 each; 3 or more \$2.20 each.) In color, CHRYSLER IMPERIAL is unmatched by any other red rose. Its vivid, rich tones of crimson are enhanced by darker overtones of glowing oxblood red, and the gem-like lustre of garnet in the folds retains its sparkling beauty. Long, tapering buds unfold even in adverse weather, opening to large, high centered flowers measuring 4½ to 5 inches with 40 to 50 wide petals. These are borne on sturdy, medium long stems. The opening of each glorious rose is a thrilling spectacle of changing, iridescent shades of red. In growth, CHRYSLER IMPERIAL ROSE is compact and symmetrical. Its abundant, dark green, semi-glossy foliage gives the bush the appearance of a handsome garden shrub. A.A.R.S. award of 1953.				
No. 1	1.40	1.25	---	---
No. 1½	1.12	1.00	.96	.88




ROSES—Continued

PATENTED HYBRID TEA ROSES—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
M Diamond Jubilee , (6.6). Patent No. 824. (Retails \$2.00 each; 3 or more \$1.75 each.) Double, high centered flowers of glowing buff-orange, with a touch of orange-yellow at base of petals. A.A.R.S. award for 1948.				
No. 1	\$1.10	\$ 1.00	\$.95	\$.85
No. 1½	.88	.80	.76	.68
T First Love , (7.7). Patent No. 921. (Retails \$2.25 each; 3 or more \$2.00 each.) Delightful shade of pale dawn pink. Often tinted with pastel shades of salmon, orchid and rose. Vigorous plant, flowers borne singly on long straight stems. Ideal for cut flowers.				
No. 1½	1.00	.90	.84	.76
M Forty-Niner , (7.2). Patent No. 792. (Retails \$2.50 each; 3 or more \$2.20 each.) Brilliantly hued bi-color that justly secured an A.A.R.S. award for 1949. Its contrasting colors are startling in their brilliance, and yet they blend together beautifully. Inside of petals is a vivid Orient-Red, while the outside is a Chrome-Yellow, changing to Straw-Yellow. Colors are lasting and bright. The long bud opens to a well shaped bloom of 25 to 40 petals. Mildly fragrant.				
No. 1	1.40	1.25	1.20	1.10
No. 1½	1.12	1.00	.96	.88
M Fred Howard , (6.7). Patent No. 1006. (Retails \$2.50 each; 3 or more \$2.20 each.) Long, rich-yellow buds are tipped with delicate penciling of light pink. Strong, hardy, fully branched; dark shiny foliage; grows high; long stems excellent for cutting; blooms from early spring to late fall. A.A.R.S. award for 1952.				
No. 1	1.40	1.25	1.20	1.10
No. 1½	1.12	1.00	.96	.88
T Golden Scepter , (7.4). Patent No. 910. (Retails \$2.00 each; 3 or more \$1.75 each.) Rare, new, unfading, golden-yellow; long, slender buds, large, high-centered. Won the highest Rose award in Holland.				
No. 1½	.88	.80	.76	.68
T Helen Traubel , (8.6). Patent No. 1028. (Retails \$2.50 each; 3 or more \$2.20 each.) Named after one of the greatest of American Concert Artists. The color varies with the weather, sometimes a light sparkling pink, more often a luminous apricot. Its unusually large and long buds are magnificent and the half open flower and the glorious fully opened blooms display the lovely color in a more lavish way. Very vigorous grower. A.A.R.S. award for 1952.				
No. 1½	1.12	1.00	.96	.88

ROSES—Continued





PATENTED HYBRID TEA ROSES—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
M Horace McFarland, (6.7). Patent No. 730. (Retails \$2.00 each; 3 or more \$1.75 each.) Named in honor of Dr. J. Horace McFarland. An upright growing vigorous plant producing an abundance of large deep apricot ovoid buds opening to beautifully formed, buff-salmon, spicely scented blooms of 45 petals. A.A.R.S award for 1945.				
 No. 1	\$1.10	\$ 1.00	\$.95	\$.85
No. 1½	.88	.80	.76	.68
T Katherine T. Marshall, (7.6). Patent No. 607. Retails \$1.75 each; 3 or more \$1.55 each.) A rose of rare beauty and delicacy of form — growing vigorously with large, open upright blooms of warm glowing pink, fruity fragrance. Perfect form and long stems.				
No. 1	1.00	.87½	.80	.75
No. 1½	.80	.70	.64	.60
M Lowell Thomas, (7.3). Patent No. 595. (Retails \$2.00 each; 3 or more \$1.75 each.) Bud large, long-pointed; flower large, very double (35 to 40 petals), high-centered, lasting, clear canary-yellow, on strong stem. Vigorous, compact, bushy plants; upright, intermittent bloomer. A.A.R.S. award for 1944.				
 No. 1½	.88	.80	.76	.68
M Mary Margaret McBride, (7.0). Patent No. 537. (Retails \$1.75 each; 3 or more \$1.55 each.) The buds are deep salmon-pink, almost reddish in fall, and the suffusion of yellow becomes a gold at base of petals. Rose full having about 45 petals. Bush strong and vigorous in growth producing great numbers of long stemmed roses excellent for cutting. A.A.R.S, award for 1943.				
 No. 1½	.80	.70	.64	.60
M McGredy's Sunset, (7.7). Patent No. 317. (Retails \$1.75 each; 3 or more \$1.55 each.) The outside of petals is a clear buttercup yellow tipped orange, while the inside is chrome-yellow, flushed scarlet as it opens. Medium size flowers are full with pleasing fragrance and borne on strong upright stems. Sun resistant.				
No. 1½	.80	.70	.64	.60

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled — the most modern refrigeration and air conditioning equipment available.



ROSES—Continued

PATENTED HYBRID TEA ROSES—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
T Mirandy, (7.5). Patent No. 632. (Retails \$2.25 each; 3 or more \$2.00 each.) First place winner of All-American rose competition for 1945. A strong free-branching plant producing large, long-pointed ovoid buds of rich dark red with black shadings, opening to Chrysanthemum-Red. The flower of 50 petals displays new beauties of form and is long lasting. Marvelously fragrant.				
 No. 1	\$1.25	\$1.12½	\$ 1.05	\$.95
No. 1½	1.00	.90	.84	.76
T Mission Bells, (7.9). Patent No. 923. (Retails \$2.00 each; 3 or more \$1.75 each.) Deep glowing salmon, which opens to a clear shrimp pink color. Vigorous, heavily branched plants are abundantly clothed with disease resistant coppery green foliage. The buds are pointed and open to high centered flowers which often measure 5½ inches across. A.A.R.S. award for 1950.				
 No. 1	1.10	1.00	.95	.85
No. 1½	.88	.80	.76	.68
M Mme. Henri Guillot, (8.9). Patent No. 337. (Retails \$2.00 each; 3 or more \$1.75 each.) A charming two-toned rose. The artistic, long urn-shaped buds open to 20 petaled flowers, 4½ inches across, watermelon to raspberry-pink color with golden base.				
No. 1½	.88	.80	.76	.68
T Mojave, (7.9). Patent No. 1176. (Retails \$2.75 each; 3 or more \$2.40 each.) A.A.R.S. Award for 1954. A Charlotte Armstrong cross retaining many of the fine plant characteristics of of its parent along with the slender bud of that variety. The color is a blend of salmon, apricot and orange, and occasionally in cool weather the salmon changes to red blended with the other two colors.				
 No. 1½	1.20	1.10	1.04	.96
M New Yorker, (7.9). Patent No. 823. (Retails \$2.00 each; 3 or more \$1.75 each.) Brilliant red, with color long lasting and sun-resistant. Plant is sturdy, up-right and vigorous. The buds slowly open into very large flowers, often measuring 6½ inches across, of scarlet with rose red undertones and overlaid with rich velvety-sheen.				
No. 1½	.88	.80	.76	.68
T Nocturne, (8.0). Patent No. 713. (Retails \$2.00 each; 3 or more \$1.75 each.) The color is bright cardinal red with dark shadings of crimson. The large petals have good substance, are richly textured and pleasantly fragrant flower is long lasting. Color is somewhat lighter and brighter during hot weather. A.A.R.S. award for 1948.				
 No. 1	1.10	1.00	.95	.85
No. 1½	.88	.80	.76	.68

ROSES—Continued




PATENTED HYBRID TEA ROSES—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
T Peace, (9.4). Patent No. 591. (Retails \$2.50 each; 3 or more \$2.20 each.) Ovoid buds are golden-yellow etched with pink as they open, color changes from canary-yellow, to pale golden, to iridescent cream. Petals are edged with apple-blossom pink that deepens as the flower slowly opens to glorious 5 inch blooms. A.A.R.S. award for 1946.				
 No. 1	\$1.40	\$1.25	\$1.20	\$ 1.10
No. 1½	1.12	1.00	.96	.88
M President Eisenhower, (..). Patent No. 1217. (Retails \$2.50 each; 3 or more \$2.20 each.) Large blooms of rich, unfading, uniform rose-red with lasting brilliance, come singly on strong stems. It is admirably free and continuous in bloom on upright, bushy, 3 foot plants. Fragrant.				
No. 1½	1.12	1.00	.96	.88
M Rex Anderson, (7.1). Patent No. 335. (Retails \$1.75 each; 3 or more \$1.55 each.) An outstanding exhibition rose of delicate, lovely ivory-white. Perfectly formed, slow opening, one of the few successful whites. Flowers fully double and of enormous size.				
No. 1½	.80	.70	.64	.60
M Rose of Freedom, (8.0). Patent No. 791. (Retails \$2.00 each; 3 or more \$1.75 each.) Winner CITY OF PORTLAND AWARD for 1947. A Hybrid Tea with beautiful 60 to 70 petaled, long-stemmed, currant-red blooms with delightful true Rose fragrance. The lovely blooms are normally borne singly on strong straight 28 to 32 inch stems. The new wood is usually thornless. It blooms freely, on a vigorous, upright bush with abundant, handsome, disease-resistant foliage. Highest scoring red Rose in 1946-1947 nation wide trials.				
No. 1	1.10	1.00	.95	.85
No. 1½	.88	.80	.76	.68
T Rubaiyat, (7.8). Patent No. 758. (Retails \$1.75 each; 3 or more \$1.55 each.) A McGredy origination. The tall free blooming plant produces an abundance of long pointed, attractive buds on strong upright stems, that slowly open into a very large bloom of rose-red to crimson color in the heart of the half-open flower accentuated by the reverse of the petals which are several shades lighter. A.A.R.S. award for 1947.				
 No. 1	1.00	.87½	.80	.75
No. 1½	.80	.70	.64	.60

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled — the most modern refrigeration and air conditioning equipment available.

ROSES—Continued

PATENTED HYBRID TEA ROSES—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
M San Fernando , (7.5). Patent No. 785. (Retails \$1.75 each; 3 or more \$1.55 each.) A magnificent thirty petaled rose of glowing currant-red changing to bright glowing scarlet. Pronounced fragrance. A.A.R.S. award for 1948.				
 No. 1	\$1.00	\$.87½	\$.80	\$.75
No. 1½	.80	.70	.64	.60
M Show Girl , (8.2). Patent No. 646. (Retails \$2.00 each; 3 or more \$1.75 each.) Deep pink exhibition rose; one of the best. Flourishes in all climates. Lovely buds on long stems.				
No. 1	1.10	1.00	.95	.85
No. 1½	.88	.80	.76	.68
T Sleigh Bells , (6.3). Patent No. 1004. (Retails \$2.00 each; 3 or more \$1.75 each.) A white rose that really produces blooms. Large ovoid buds; fine foliage; long stems.				
No. 1	1.10	1.00	.95	.85
No. 1½	.88	.80	.76	.68
T Sun Valley Rose , (7.5). Patent No. 1135. (Retails \$2.50 each; 3 or more \$2.20 each.) An outstanding new golden yellow rose best described as Guinea gold. A tall plant, producing long cutting stems; shiny green foliage and delicate fragrance.				
No. 1	1.40	1.25	1.20	1.10
No. 1½	1.12	1.00	.96	.88
T Sutters Gold , (8.1). Patent No. 885. (Retails \$2.25 each; 3 or more \$2.00 each.) Beautiful, long-pointed, yellow bud, richly shaded with orange and red. Rich tea fragrance not found in any other yellow rose. The 24 petaled flowers are high-centered and richly colored. A.A.R.S. award for 1950.				
 No. 1½	1.00	.90	.84	.76
M Suzon Lotthe , (6.8). Patent No. 943. (Retails \$2.00 each; 3 or more \$1.75 each.) Another fine rose originating in France by Francis Meiland. Pearl pink, with peach center. Open flowers are lovely, large, many petals. Delightful fragrance. Especially good on Pacific Coast. Vigorous.				
No. 1	1.10	1.00	.95	.85
No. 1½	.88	.80	.76	.68
M Taffeta , (7.0). Patent No. 716. (Retails \$2.00 each; 3 or more \$1.75 each.) Rich carmine-Rose in the bud, changing to Begonia-Rose in open flower. Reverse of petals is yellow. Medium to large buds are perfectly formed with edges of the petals often frilled. They open to form double flowers with 21 well textured petals. A.A.R.S. award for 1948.				
 No. 1½	.88	.80	.76	.68

ROSES—Continued

PATENTED HYBRID TEA ROSES—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
T Tallyho , (8.3). Patent No. 828. (Retails \$2.00 each; 3 or more \$1.75 each.) A bright color but the contrast is not great. The color on the inside of the petals is a varying but always a delightful and unique shade of pink. The outside of the petals is a rich Crimson. The buds, before they unfold, are deep Cardinal-red. The long-stemmed blooms open slowly and last exceedingly well because they have such heavy substance. They are very large when fully open, of perfect form and with spicy fragrance. A.A.R.S. award for 1949.				
No. 1½	.88	.80	.76	.68



PATENTED GRANDIFLORA ROSES

“The New GRANDIFLORA CLASS consists of varieties relatively tall in growth, free flowering, often with many flowers in clusters but with individual stems long enough for cutting. The flower size, tho not necessarily as large as hybrid teas, is larger than the average Floribunda, with Hybrid Tea Standard for bud and flower form.”

	10-20 Each	20-100 Each	100-250 Each	250-up Each
T Buccaneer , (7.6). Patent No. 1119. (Retails \$2.75 each; 3 or more, \$2.40 each.) Brilliant flowers of non-fading, lasting clear yellow. Strong growing plant. Received Gold Medal at the Geneva, Switzerland Trials and Certificate of Merit at Bagatelle and Rome.				
No. 1½	\$1.20	\$ 1.10	\$ 1.04	\$.96
T Carrousel , (9.2). Patent No. 1066. (Retail price \$2.00 each; 3 or more \$1.75 each.) The large double flowers could easily class this rose as a Hybrid Tea, but the blooms appear in clusters so free blooming it is classed as a Floribunda. Continuous moss of glowing deep red flowers regardless of weather. Tall growing, rather upright. Mildew resistant.				
No. 1	1.10	1.00	.95	.85
No. 1½	.88	.80	.76	.68

T Queen Elizabeth, (..). Patent No. 1259. (Retails \$3.00 each; 3 or more \$2.65 each.) First Grandiflora Rose. Pure pink, and its blooms are set off dramatically by glossy, deep green foliage. The flowers of this first representative of the Grandiflora class are exquisitely formed and high-centered like a Hybrid Tea. Flowers are borne on long, almost thornless stems which are ideal for cutting. Blooms are carried both singly and in clusters after the manner of the Floribundas, and hold exceptionally well when out. Queen Elizabeth is a cross between Charlotte Armstrong the famous Hybrid Tea and Floradora, a Floribunda. Both of the parents were recipients of the All-American Rose award. A.A.R.S. award for 1955.



No. 1	1.65	1.50	1.40	1.30
No. 1½	1.32	1.20	1.12	1.04

ROSES—Continued
PATENTED FLORIBUNDA

	10-20 Each	20-100 Each	100-250 Each	250-up Each
M Baby Blaze , (—). Patent rights reserved. (Retails \$2.25 each; 3 or more \$2.00 each.) A 1955 introduction which features dark red buds, opening to a rich velvety cherry-red color and only a few shades lighter when fully opened. Does not blue in any stage. Excellent for group plantings, foundation plantings and hedges. Flowers produced in large clusters of from 10 to 25 on a shoot. Vigorous grower, bushy, 3 feet.				
No. 1	\$1.25	\$ 1.12½	\$ 1.05	\$.95
No. 1½	1.00	.90	.84	.76
T Betty Prior , (8.8). Patent No. 340. (Retails \$1.50 each; 3 or more \$1.30 each.) Produces large fragrant clusters continuously throughout the season. Open lively red turning to shell-pink. Desirable for mass planting.				
No. 1	.90	.75	.70	.65
No. 1½	.72	.60	.56	.52
S Chatter , (7.3). Patent No. 739. (Retails \$1.50 each; 3 or more \$1.30 each.) Unusually bright crimson, generous flower clusters, continuously in bloom velvety firm petals.				
No. 1½	.72	.60	.56	.52
M Donald Prior , (8.6). Patent No. 377. (Retails \$1.50 each; 3 or more \$1.30 each.) The large flowers are semi-double bright scarlet, flushed crimson, fragrant. Free flowering. One of the most striking colors of Floribunda group.				
No. 1	.90	.75	.70	.65
M Fashion , (9.0). Patent No. 789. (Retails \$2.00 each; 3 or more \$1.75 each.) Brilliant luminous coral flowers overlaid with gold, opening with wavy graceful petals. All season bloom, large clusters and singly. A.A.R.S. award for 1950.				
No. 1	1.10	1.00	.95	.85
No. 1½	.88	.80	.76	.68
S Garnette , (7.8). (Suggested retail price \$1.75 each.) Comparatively new variety of merit producing petite red sweetheart roses. The plant attains a height of only about 18 inches and carries crinkled holly-like foliage.				
No. 1	1.00	.87½	.80	.75
No. 1½	.80	.70	.64	.60
M Geranium Red , (7.2). Patent No. 811. (Retails \$1.75 each; 3 or more \$1.55 each.) Flowers very double. (50 petals), strong geranium fragrance, bright geranium-red; cluster.				
No. 1	1.00	.87½	—	—
No. 1½	.80	.70	.64	.60
S Goldilocks , (7.9). Patent No. 672. (Retails \$1.50 each; 3 or more \$1.30 each.) Rich golden yellow, buds are ovoid in shape, long lasting hardy, and vigorous.				
No. 1½	.72	.60	.56	.52

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ROSES—Continued

PATENTED FLORIBUNDA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
S Holiday, (5.5). Patent No. 915. (Retails \$1.50 each; 3 or more \$1.30 each.) Generous clusters of large sized buds, are orange yellow brushed pink on the outside and strong vermillion red on the inside gradually giving way to a softer more delicate tone when open.				
No. 1	\$.90	\$.75	\$.70	\$.65
No. 1½ .....	.72	.60	.53	.52
S Lilibet, (6.0). Patent No. 1209. (Retails \$2.00 each; 3 or more \$1.75 each.) 1953 A.A.R.S. WINNER. This very free blooming Floridan All American Rose Selections award winner 1954. A model hardy plant produces radiant roses in clusters of exquisite pink tones. The colors range from light rose to soft dawn-pink during the progressive stages of bloom. Graduations of tone within each petal further enhance the depth and loveliness of the abundant clusters. Mildew and black-spot resistant.				
No. 1	1.10	1.00	.95	.85
No. 1½ .....	.88	.80	.76	.68
M Ma Perkins, (7.5). Patent No. 1143. (Retails \$2.00 each; 3 or more \$1.75 each.) 1953 A.A.R.S. WINNER. This very free blooming floribunda rose, with its sweetly pungent fragrance, shows a translucent light fashion color with shades of red in outer petals. A suffusion of yellow is present in all the early stages of bloom. With aging comes a soft coral shell pink. Ma Perkins is strong, yet compact. Flowers are cup shaped. Rich green foliage.				
No. 1	1.10	1.00	.95	.85
No. 1½ .....	.88	.80	.76	.68
T Masquerade, (8.1). Patent No. 975. (Retails \$2.00 each; 3 or more \$1.75 each.) Clusters of 10 to 25 buds of yellow, red, pink, lemon, and sometimes orange. Each bud is golden-yellow with thin vermillion marks. The center bud in each cluster opens first, becoming rose-pink as the petals unfold. Gradually the rose-pink deepens to deep red.				
No. 1	1.10	1.00	.95	.85
No. 1½ .....	.88	.80	.76	.68
M Pink Bountiful, (7.9). Patent No. 601. (Retails \$1.50 each; 3 or more \$1.30 each.) Bud short-pointed, begonia-rose. Flowers small, double (50-60 petals) open, nutty fragrance, rosolane-pink; strong stem.				
No. 1 .....	.90	.75	.70	.65
No. 1½ .....	.72	.60	.56	.52
M Pinocchio, (7.6). Patent No. 484. (Retails \$1.50 each; 3 or more \$1.30 each.) A hardy plant producing an abundance of pointed buds of salmon-flushed gold, opening to miniature hybrid-tea like roses of soft clear pink and in great clusters.				
No. 1½ .....	.72	.60	.56	.52

ROSES—Continued

PATENTED FLORIBUNDA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
M Red Pinocchio , (8.7). Patent No. 812. (Retails \$1.50 each; 3 or more \$1.30 each.) Masses of 3½ inch flowers in unfading clusters. Rich carmine; gradually deepens as blooms open. Wild rose fragrance. Vigorous; prolific bloomer.				
No. 1½	\$.72	\$.60	\$.56	\$.52
M Summer Snow , (8.4). Patent No. 416. (Retails \$1.50 each; 3 or more \$1.30 each.) The most prolific of white Floribundas with great “drifts” of beautiful large clusters like mounds of snow. Fragrant.				
No. 1	.90	.75	.70	.65
No. 1½	.72	.60	.56	.52
M Vogue , (7.6). Patent No. 926. (Retails \$2.00 each; 3 or more \$1.75 each.) A Floribunda with its own unique brilliantly glowing cherry-coral color. Individual flowers three to four inches in diameter are Hybrid Tea shaped with perfect high centered form. They open slowly from a dark cherry ovoid bud to the delightful cherry-coral open flowers. Rich spicy fragrance. A.A.R.S. award for 1952.				
No. 1	1.10	1.00	.95	.85
No. 1½	.88	.80	.76	.68
S White Pinocchio , (6.0). Patent No. 1010. (Retails \$1.50 each; 3 or more \$1.30 each.) New outstanding floribunda, semi-double flowers of pure white with yellow stamens. Large 2 to 2½ inch flowers.				
No. 1½	.72	.60	.56	.52
M Yellow Pinocchio , (6.2). Patent No. 992. (Retails \$1.50 each; 3 or more \$1.30 each.) Newest member of the Pinocchio family. Sturdy bush about three feet tall, producing great masses of bloom in an apricot-yellow color. When at the peak of bloom, it is a rounded mound of yellow.				
No. 1	.90	.75	—	—
No. 1½	.72	.60	.56	.52
Aloha , (5.9). Patent No. 948. (Retails \$2.50 each; 3 or more \$2.20 each.) The primary bud develops into a gorgeous five inch bloom, but the secondary buds do not open fully until the first flower has practically finished. Rich rose-pink with soft lilac silvery pink on inside of petals when open. Deeper tones when in tight buds.				
No. 1½	1.12	1.00	.96	

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ROSES—Continued

PATENTED CLIMBERS

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Cl. Charlotte Armstrong, (9.3). Patent No. 523. (Retails \$3.00 each; 3 or more \$2.65 each.) Sturdy Climbing form of the international favorite bush Hybrid Tea.				
No. 1	\$1.65	\$1.50	\$ 1.40	\$ 1.30
No. 1½	1.32	1.20	1.12	1.04
Clg. Forty-Niner, (..). Patent No. 1094. (Retails \$2.50 each; 3 or more \$2.20 each.) Climbing form of the popular H. T. variety.				
No. 1½	1.12	1.00	.96	.88
Clg. Goldilocks, (7.1). Patent No. 1090. (Retails \$2.50 each; 3 or more \$2.20 each.) A truly ever-blooming yellow climber producing ovoid shaped buds resembling miniature hybrid teas of rich golden-yellow color. Like the floribunda, Goldilocks as a climber blooms in larger clusters. Recommended to bloom first year after planting.				
No. 1½	1.12	1.00	.96	.88
Dr. J. H. Nicholas, (7.4). Patent No. 457. (Retails \$2.00 each; 3 or more \$1.75 each.) Vigorous plant carrying dark green foliage produces fully double deep rose-pink flowers, 5 to 6 inches across with about 50 petals. Grows 8 to 10 feet in height and is ever-blooming.				
No. 1	1.10	1.00	.95	.85
No. 1½	.88	.80	.76	.68
King Midas, (6.7). Patent No. 586. (Retails \$2.00 each; 3 or more \$1.75 each.) Golden yellow with large, double high-centered flowers with good form. Buds are touched with red.				
No. 1	1.10	1.00	.95	.85
No. 1½	.88	.80	.76	.68

BROWNELL SUB-ZERO HYBRID TEA

A new race from hardier Species, Wichuriana hybrids, that can bloom all summer along with the more tender Hybrid Teas. The originator reports flowers of equal merit in size, form, fragrance and color and plants many times longer lived even after sub-zero winters.

	10-20 Each	20-100 Each	100-250 Each	250-up Each
M Orange Ruffles, (7.1). Patent No. 1124. (Retails \$1.75 each; \$18.00 per dozen.) A graceful flower curled and ruffled makes this a dazzling rose as it blends from a lively orange to a saffron-yellow. Holly like foliage.				
No. 1	\$1.00	\$.90	\$ ---	\$ ---
No. 1½	.80	.72	.68	---

ROSES—Continued

BROWNELL SUB-ZERO HYBRID TEA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
T Pink Princess , (8.1). Patent No. 459. (Retails \$1.75 each; \$18.00 per doz.) Bud red, flower deep pink, famous as the first H. T. free from defoliation by blackspot. No. 1½ -----	\$.80	\$.72	\$.68	\$
M Queen O' the Lake , (7.5). Patent No. 1003. (Retails \$1.75 each; \$18.00 per doz.) One of the three newest Sub-Zero Roses. This gorgeous red Rose was named in honor of the Minneapolis Aquatennial Queen and is the official Rose for that outstanding event. No. 1½ -----	.80	.72	.68	---
T Red Duchess , (7.9). Patent No. 846. (Retails \$1.75 each; \$18.00 per doz.) Hardy, sturdy plant producing an abundance of rose-red flowers that are pleasingly fragrant. No. 1½ -----	.80	.72	.68	---
T Shades of Autumn , (6.7). Patent No. 542. (Retails \$1.75 each; \$18.00 per doz.) An abundant and joyous expression of bi-colored beauty. No. 1½ -----	.80	.72	.68	---
M V for Victory , (7.9). Patent No. 543. (Retails \$1.75 each; \$18.00 per doz.) Large very double yellow flowers of good fragrance. No. 1½ -----	.80	.72	.68	---



PEONIES

We offer our usual fine grade of 3 to 5 eye divisions clean, healthy, and strictly true to name, from plants not older than three years. As we do not use our fields for commercial cut flowers, you can depend on thoroughly rogued stock, and fine young plants. Available after September 15th.

The figures after the name of the variety imply the rating given these Peonies by the American Peony Society.

* INDICATES RECOMMENDED CUT-FLOWER VARIETIES

	Per 10	Per 100
Albert Crousse , 8.6. Late. Pink with faint salmon tints; rose-type flowers.	\$ 4.00	\$ 35.00
Couronne d'Or , 8.1. (Crown of Gold). Late mid-season. Pure white with center petals tipped with red.	4.00	35.00
* Edulis Superba , 7.6. Early. Bright clear mauve-pink.	3.20	28.00
E. C. Shaw , 9.1. Late mid-season. Light old rose toned flesh.	5.50	----
Elwood Pleas , 8.7. Late. Large shell pink flowers with crinkled petals.	3.50	30.00
* Felix Crousse , 8.4. Mid-season. Brilliant, ruby-red.	4.00	35.00
* Festiva Maxima , 9.3. Early. Pure white flecked with crimson.	4.50	40.00
* Floral Treasure , 7.5. Early. Clear even pale-lilac rose. Very free flowering.	3.20	28.00
Francois Ortegat , 6.7. Semi-rose type. Large deep crimson with brilliant golden-yellow anthers. Fragrant. Midseason.	3.20	28.00
Francis Willard , 9.1 Late Midseason. Exquisite blush changing to pure white.	5.00	45.00
Frank E. Good , 8.88. Fully double. Late. Pale flesh pink with delicate tint. Beautiful form. Sometimes not open well.	4.50	-----
* Fulgida , 5.7. Semi-rose type. Ruby-red. Late. Mid-season.	3.50	30.00
Georgiana Shaylor , 8.9. Late mid-season. Pale rose-pink with few flecks of crimson.	5.00	45.00
James R. Mann , 8.7. Mid-season. Rose-pink, lightly streaked with crimson.	4.00	35.00
Jeannot , 9.2. Large, cupshaped flowers of fine form. Flesh pink with salmon pink shadings changing to silvery white. Late. ...	3.50	30.00
* Karl Rosefield , 8.8. Mid-season. Brilliant velvety-crimson blooms. ...	4.50	40.00
* La Perle , 8.5. Mid-season. Pink in the bud, opening to a creamy white, flecked with crimson.	4.00	35.00
Lillian Gumm , 8.9. Late mid-season. Bright apple-blossom pink. ...	5.00	45.00
* Mme. De Verneville , 7.0. Early. Large white flowers with crimson marks.	4.00	35.00
* Mme. Duce l, 7.9. Mid-season. Large flowered, pink with lighter tones.	3.50	30.00
* Mme. Jules Dessert , 9.4. Mid-season. Creamy white with faint tints of pink and buff.	6.50	60.00
Officinalis Rubra , 8.6. Very early. Large blooms of vivid crimson.	5.50	----
President Roosevelt , 8.5 Mid-season. Very fine brilliant red.	4.00	35.00
Rachel , 7.9. Mid-season. Bright garnet shaded ruby-red.	4.00	35.00
* Sarah Bernhardt , 9.0. Mid-season. Apple-blossom pink with a silvery edge on petals.	4.50	40.00
Sarah K. Thurlow , 9.1. Very large delicate pink changing to pearly white, flushed pink in center. Long, strong stems. Very late. ...	5.00	45.00
Solange , 9.7. Late. Rich creamy white, suffused with buff and delicate salmon-pink.	6.50	60.00
* Tourangelle , 9.4. Late. Large blooms of pearl overlaid delicate shade of salmon-pink.	5.00	45.00
Walter Faxon , 9.3. Mid-season. Vivid salmon-pink.	5.50	50.00

PEONIES BY COLOR

Pink	2.90	25.00
Red	2.90	25.00
White	3.50	30.00

PACKAGED PEONIES

(See page 64 for illustration)

For Counter Selling In Stores, Sales Yards, Etc.

CERTIFIED QUALITY GIANT PEONIES

GROUP NO. 1 @ \$50.00 per 100

A group of finer, higher rated Peonies for customers that demand the best.

RED

625B Richard Carvel
626B Karl Rosefield
627B Mary Brand

PINK

634B Walter Faxon
619B Sarah Bernhardt
629B M. Jules Elie

WHITE

623B Festiva Maxima

GROUP NO. 2 @ \$37.50 per 100

An excellent assortment of popular varieties, at a highly competitive low price.

RED

622B Felix Crousse
637B Prince of Darkness
630B Pres. Roosevelt

PINK

621B Edulis Superba
638B Reine Hortense

WHITE

628B Mme. de Verneville

Our "Certified Quality Giant Peony" is the finest package ever offered for counter selling — the best varieties in the most attractive package. The strong 3 to 5 eye divisions are wrapped in moist peat and moisture proof Cellophane. The trade marked design, on the outer white wrapper, is printed in royal blue ink. Each package carries a 4-color picture produced from new, natural color photographs.

Shipping cases contain 50 packages. Please order in multiples of 10 of each variety with total order being a multiple of 50.

No. 50PB—Case of 50 Assorted Group No. 2 Varieties (25 red, 15 pink, and 10 white) @ \$18.75 per case.



Mount Arbor's Cellophane Wrapped Peonies

MOUNT ARBOR CERTIFIED QUALITY BULBS

SPRING 1955 SHIPMENT

We offer an attractive Line of Packaged Bulbs in all wanted varieties. The registered box design is in three colors; with the large colored picture and label, in six colors. This is another Mount Arbor exclusive feature—not available elsewhere.

All "Certified Quality" varieties are of outstanding merit—The very best in each Group. Carefully selected for beauty and vigor, to insure complete customer satisfaction. For an attractive Nursery display, with maximum sales appeal, buy "Certified Quality" Roses, Peonies and Bulbs.

For further information in regard to varieties and prices, write for our special Packaged Nursery Stock Listing.

PERENNIALS

We are one of the largest growers of Hardy Perennials and Rock Garden Plants in the United States, devoting approximately 100 Acres of overhead irrigation system for the specialized production of this type of plant.

Our variety list is complete. Many new varieties are being included in this list—while we have many other varieties in the course of testing for future introduction. Our plants are, except as specified, field grown and properly transplanted to give necessary root development for high class landscape planting.

All perennials should be shipped by Express. They are very perishable, and should not be included in a freight shipment.

RG means adaptability for Rock Garden planting.

★Indicates New and Novelty varieties. These have all been thoroughly tested, and we can recommend them very highly.

	Per 10	Per 100
ACHILLEA, Milfoil or Yarrow (RG)		
Angels Breath. It grows as an inverted bowl, twenty inches high and spreads two feet. In flower, it is so profusely covered that the rich green foliage, decorative otherwise can scarcely be seen. The white is the purest, and the composition of the flower is fully double without a trace of center.	\$ 2.10	\$ 18.00
★Millefolium Crimson Beauty. A very bright colored Yarrow, grows about 2 feet high.....	1.40	12.00
Ptarmica, The Pearl. Large semi-double white. 18 in. June-July.	1.40	12.00
ALTHEA ROSEA, Hollyhock. Double Separate Colors.		
Lilac Beauty	1.40	12.00
Maroon Black	1.40	12.00
Newport Pink	1.40	12.00
Red	1.40	12.00
Red Salmon	1.40	12.00
White	1.40	12.00
Yellow	1.40	12.00
ALYSSUM Saxatile Compactum		
Big clusters of bright yellow flowers in early spring. An excellent plant for the rockery or front of borders. One of the best early yellow plants to use with tulips. 12 inches high...	1.40	12.00
ANCHUSA Bugloss		
★Myosotidiflora (RG). Dwarf. Clusters of Gentian blue forget-me-not like flowers. 12 in. May-June.....	1.80	15.00
★ANTHEMIS MOONLIGHT		
Pale yellow. Daisy-like flowers are 2½ inches in diameter. Superb for cutting and last several days in water. Insects do not bother it, grows in almost any kind of soil.....	1.80	15.00

PERENNIALS—Continued

AQUILEGIA, Columbine. May-June. (RG)	Per 10	Per 100
Chrysantha L. S. Beautiful golden yellow flowers; blooms for two months.	\$ 1.80	\$ 15.00
Crimson Star — New Improved Crimson Star. Large flowers of the most striking crimson with white corolla. Blooms in May and June. 24 in.	2.10	18.00
Long Spurred Blue Shades. Extra long spurs.	1.80	15.00
Long Spurred Rose Queen. Rose shades.	1.80	15.00
Long Spurred Snow Queen. Extra long spurs.	1.80	15.00
Mrs. Scott Elliot's Long Spurred Hybrids. Finest of all long-spurred mixtures, striking colors and combinations. 3 ft.	1.40	12.00
Waller Franklin Hybrids Mixed. Superior to any strain of which we have knowledge. This blend contains many unique colors. 3 ft.	2.10	18.00
ASCLEPIAS, Butterfly Weed (RG)		
Tuberosa. Brilliant orange flowers, decorative seed pods. July and August. 18 in.	1.40	12.00

ASTERS

**NEW ENGLISH ASTERS
SENSATIONS OF 1951**

	Per 10	Per 100
Eventide. A masterpiece from England. Striking deep violet blue, huge and almost full. Trimly erect, free and vigorous. Fine for cutting. 3 ft.	\$ 3.50	\$ 30.00
Janet McMullen. Another gigantic Briton, this time a soft rose-pink. Long, pyramidal stems alive with color. Semi-double, perhaps the largest flower of any aster. 4 feet.	3.50	30.00
The Archbishop. Mammoth new English hybrid, the grandest of all. Huge, 2 inch semi-double blooms in massive sprays of rich deep blue-purple. Erect, 3½ ft. plant, fine for cutting. Really outstanding.	3.50	30.00

DWARF VARIETIES (RG)	Per 10	Per 100
Profuse bloomers, truly dwarf, rarely exceeding one foot in height, and perfectly hardy. Blooms in September.		
Lilac Time. Deep violet-blue flowers are produced on well rounded bushy plants growing to a height of 15 in. Blooms mid-September.	\$1.40	\$ 12.00
Nancy. Lively flesh-pink flowers literally cover this dwarf bushy plant in late September. 1 ft.	1.40	12.00
Snowsprite. Cushions of pure white flowers. Dwarf, compact and bushy. September. Height 1 ft.	1.40	12.00
Victor. The dwarfest of all, growing 9 inches tall, covered with good sized flowers of beautiful, clear lavender blue. Blooms early September.	1.40	12.00
UPRIGHT TYPES. Starwort or Michaelmas Daisy.		
The following varieties of Upright Asters are new and improved varieties. Very large in bloom and extremely colorful.		
★ Adorable. Deeper, clearer pink, very rare in fall flowers. Small reddish rosette-like buds. Clean darkgreen foliage. Height 4 to 4½ ft. Blooms September to frost.	2.10	18.00
★ Beechwood Challenger. The nearest approach to red so far in Hardy Asters. Free-flowering medium height, about 3½ ft. Early fall. Profuse bloomer with brilliant crimson-red flowers.	2.10	18.00
Blue Boy. Low growing, deep blue flowers.	1.80	15.00

PERENNIALS—Continued

ASTERS—Continued

	Per 10	Per 100
★Blue Eyes. Large pure violet blue flowers with small yellow eyes. Height 3 to 4½ ft.	\$ 1.80	\$ 15.00
Blue Gem. Large lovely flowers of blue with yellow center, double flowers. Best blue in cultivation. Sept. until frost. 3 to 4 ft	1.80	15.00
★Blue Lagoon. A new variety of the Novi-Belgii type blue flowers, quiet, lovely.	1.80	15.00
★Blue Plume. A choice introduction. One of the deepest, bluest yet introduced. Freely produced, rich royal blue flowers on stately spikes. An excellent variety that will attract attention. Sept. and Oct. Height 3 ft.	1.80	15.00
Harrington's Pink. The first Hardy Aster that is truly pink. Flowers are large and cover the 4-foot plant so completely that it seems a shame to cut them, but the blooms will be welcome in the house.	2.10	18.00
Mt. Everest. Finest and best white. Very tall, well shaped, pointed pyramids, with an abundance of lateral growths, which flower right down to the ground. Very small eye. 3 to 4 ft.	2.10	18.00
★Palmyra. The best pink of Novi-Belgii type. A very hardy vigorous growing aster with masses of semi-double pure pink flowers which make perfect pyramids on sturdy stems in mid-September to frost. 3 to 4 ft.	2.10	18.00
Red Rover. The first red fall Aster. Deep rosy red flowers with golden centers; buds bright red. Free blooming, compact habit. September to frost. 2 to 4 ft.	2.10	18.00
Royal Blue. Large, semi-double, clear blue. 2½ ft. September.	1.80	15.00

ASTILBE

ASTILBE, Perennial Spirea. (RG)

Astilbes are ideal, for colorful perennials for shaded locations in the garden. Also good for forcing. Plants bloom freely in June and July, and the foliage remains attractive for the rest of the summer. Height about 2 feet.

★INDICATES RECOMMENDED FORCING VARIETIES

	Per 10	Per 100
Betsy Cuperus. The fine drooping flower spikes, 2 feet long, show in the summer during some weeks a great number of white flowers with pink center.	\$ 4.00	\$ 35.00
★Gloria Purpurea. Purplish Carmine-color. Dark foliage. Excellent for forcing.	3.50	30.00
★Peach Blossom. This is the beautiful Peach Blossom variety. The panicles are 8 to 10 inches long, and blush charmingly with a delightful shade of pink. Bloom June and July. 1½ to 2 feet tall.	4.00	35.00
Queen Alexander. Very lovely soft pink flowers borne on spikes 18 inches high, coming in June.	3.50	30.00

BUDDLEIA, Butterfly Bush, (See Shrubs).

CAMPANULA, Belleflower.

Calycanthema (Cup and Saucer.) In separate colors. Blue, Rose and White. Tall, erect plants covered with large cup and saucer shaped flowers during late May and June. A perfect plant for the old fashioned, hardy garden.	1.40	12.00
Medium (Canterbury Bells.) In separate colors, Blue and Rose. June. 2 ft.	1.40	12.00

PERENNIALS—Continued

CHRYSANTHEMUMS

★Varieties can be supplied in dormant stock from refrigerated storage.
Unless otherwise specified, we supply 2½ inch pot plants on all varieties of Chrysanthemums for Spring shipment orders.

RECENT INTRODUCTIONS
(The Chicago Strain)

These recently introduced varieties flower in profusion by mid-September until frost. All are about 2 ft. tall and are of sturdy habit of growth; disease resistant and ornamental foliage.

	Per 10	Per 100
★ APACHE. Orient-red to dark brilliant firecracker-red with golden overcast. Quilled petals. Very tough, weather-resistant flowers, 4 to 5 inches in diameter. In bloom from mid-September to November.	\$ 3.00	\$ 25.00
★ CANDLELIGHT. Lovely and graceful, free flowering creamy white, double blossoms nicely borne 1 to 2 feet. Sept.	2.10	18.00
★ CHARLES NYE. Large, 3-inch, fully double, rounded flowers of buttercup-yellow. Blooms late September.	2.10	18.00
COURAGEOUS. Dark ruby-red, large, double flowers, 3½ inches in diameter. Strong, upright, healthy green foliage. Late September.	2.10	18.00
★ ERMINE. Fully double, wide petaled, pure white with cream center. Tall, sturdy plant and vigorous grower. Very frost-resistant flower. Excellent when cut. Blooms October.	3.00	25.00
GLOWING COALS. Bright deep cherry-red, with orange reverse. Well branched sprays. One of the best early reds. Blooms mid-September.	2.10	18.00
GOLDEN HOURS. Early, double, deep lemon-chrome. Petals broad, overlapping and somewhat incurved. Most outstanding very early cut flower. Early September.	2.10	18.00
KATHLEEN LEHMAN. Brightest orange-gold, deepening to red-gold at center. One of the very best new things. Blooms in late September.	2.10	18.00
LEE POWELL. The Mum of the year-1951. Masses of fluffy chinese-yellow flowers with slight orange tinge at center. Very similar to large greenhouse varieties. Tall upright bush. Blooming in late September.	3.00	25.00
★ MAGNIFICENT. Glorious 4-inch flowers of plum-red or rosy cardinal, with coppery cast. Strong branches, excellent for cutting. Blooms October 1.	2.10	18.00
★ MEDITATION. Large, fully double, firm, two-toned flowers of soft light jasper-red and maize yellow with orange reverse. Matures to a bright reddish peach. An excellent cut flower. October.	2.10	18.00
★ MYRTLE WALGREEN. Rich amaranth-purple, underlaid with silvery lilac, aging to clean, clear mallow-purple. Fine for cut flower. Blooms in late September.	2.10	18.00
★ OLIVE LONGLAND. Apricot pink, full double flower of 3 inches. Lovely pastel color, blooms freely. Grows erect. 2½ feet. Mid-September.	2.10	18.00
★ POLAR ICE. A pure white double flower of 3 inches. Grows vigorously, flowers freely and bunches nicely. This flower is a pure white at all times, without the cream center. Petal arrangements is somewhat open, and it shows a small center when mature. Early September.	2.10	18.00
★ TANGERINE. Spanish-orange to grenadine-red, fully double, 3 inches across. Long, overlapping, slightly twisted petals, giving a very fluffy appearance. Bush upright, much branched; heavy deeply cut foliage. September to mid-October.	2.10	18.00
WYCHWOOD. Flowers fully double, globular rich, clear canary yellow, slightly deeper near center.	2.10	18.00
★ ZANTHA. A new perpetual-blooming clear canary-yellow with ball shaped flowers. Outstandingly good.	2.10	18.00

PERENNIALS—Continued

CHRYSANTHEMUMS—Continued

SELECTED NEW ENGLISH MUMS

All of these varieties have very large flowers from 4 to 6 inches across. They can either be grown to give a mass of blooms or can be disbudded and grown for exhibition purposes.

	Per 10	Per 100
★ ALBION. Large white, incurving flowers with wide petals. An exhibition variety.	\$ 3.50	\$ 30.00
★ CRIMSON BANNER. Beautiful crimson flowers of good size on long stems.	3.50	30.00
CRIMSON CHAMPION. Rich deep glowing crimson. Large flowers on an 18 to 24 inch plant. Blooms in September.	3.50	30.00
★ HURRICANE. One of the most outstanding red English Mums to date. The enormous reflex blossoms of brilliant deep crimson are borne on sturdy stems. Very double, and satisfactory in every respect.	3.50	30.00
★ RED INVADER. Crimson chestnut with gold reverse petals. Vigorous grower.	3.50	30.00
★ TRIXIE. Long, spiky petals of salmon, apricot and pink. Shapely blooms.	3.50	30.00

SPECIAL LIST OF NEW VARIETIES OF CHRYSANTHEMUMS

★ AVALANCHE. Large well formed, double white flowers in great quantities. 2½-5 feet. Late September.	1.80	15.00
★ BETTY. Splendid upright rose-pink without a trace of magenta. One of the finest new pinks. Blooms late September.	3.00	25.00
★ CHIPPEWA. Double magnificent flowers of rich aster-purple in large clusters. Early September. 2½ feet.	2.10	18.00
CHRIS COLUMBUS. A most outstanding ivory-white. A luxuriant grower, excellent for cutting. Blooms in late September.	2.10	18.00
HERITAGE. This is one of our own introductions. Flowers are fully double, 2½ inches in diameter. Colors are old-gold suffused with rose-pink. Plant is good grower, growing approximately 30 inches high. Produces large individual flowers on stiff stems. Is one of the first varieties to flower.	2.10	18.00
LAVENDER LADY. A lovely true lavender, no trace of mauve, purple, or magenta appears under any light condition. Flowers are full, double, 3 inches across. Early October.	2.10	18.00
RED VELVET. Shapely double flowers of medium size, are borne in clusters on long stems. The opening color is velvety crimson then becomes darker instead of fading. 2 feet. Early October.	2.10	18.00
SEPTEMBER DAWN. The gorgeous pink of an Autumn sunrise. The large double flowers are perfectly formed. 3-3½ inch flowers.	2.10	18.00
★ YELLOW AVALANCHE. Huge fluffy blooms in big sprays, individual blooms often measure over 4 inches, color is clear soft golden yellow. Late September.	2.10	18.00

1952—UNIVERSITY OF NEBRASKA INTRODUCTIONS

★ ARAPAHOE. Very large informal blooms of red with a bronze reverse to the long straplike petals. Three to five inch blooms show half inch yellow disc when in full bloom. Upright plant, dark green foliage. Disease, weather, frost-resistant. Good cut flower. Blooms in mid-September.	3.00	25.00
★ LESHARA. Fully double two or three inch flowers of mulberry red completely hide the foliage when in full bloom. Very free flowering and compact plant. Long lasting and non-fading. Especially suitable for cutting. Frost resistant. Blooms in September.	3.00	25.00

PERENNIALS—Continued

CHRYSANTHEMUMS—Continued

Per 10

Per 100

NEWER OUTSTANDING BUTTON POMPON

CHIQUITA (Little Doll). Deep lemon-yellow, fully double, compact, dome-shaped Pompon. Bush compact, 18 to 24 inches tall, with deep green foliage. Long individual flower stems. September to October.	\$ 2.10	\$ 18.00
ILLUMINATOR (Kraus). Very dark, brilliant crimson-red pompon. Excellent in the garden or for cutting. Blooming date September 22.	2.90	25.00
LAVENDER LASSIE . Graceful sprays of dainty lavender-pink. From September until freezing. The 2½ foot plant is a mass of 2 to 3 inch Pompons.	2.10	18.00
LEMON DROP . A yellow button pompon with a slight green overtone radiating from the center. Extra fine foliage and habit. Very hardy.	2.10	18.00
★ ORCHID JEWELL . Small, compact sprays of light pink flowers on 24 inch stems.	2.10	18.00
★ PYGMY GOLD . Masses of golden yellow, round button flowers of 1 inch. Cushion type growth and very free flowering. A very excellent early flowering variety. 15 inches. Blooms September 15.	2.10	18.00
★ RUBY POMPON . More rich and flowing Ruby Crimson than any other Pompon. Full flower early October. 2½-3 ft.	2.10	18.00
★ SEPTEMBER BRONZE . Shapely little Pompon blossoms, shading from golden bronze to intense warm bronze. Mid-September to November.	2.10	18.00
★ SEPTEMBER CLOUD . Beautifully rounded blossoms of purest white with primrose shading in center. Mid-September till frost.	2.10	18.00

CUSHION CHRYSANTHEMUMS

Sometimes called "Million Mums." A group of low growing Chrysanthemums, forming mounds of blcoms, reminding one of the old-fashioned Azalea. The plants grow about 10 to 12 inches high. Our stock is of improved strains. Most varieties begin blooming late in August and bloom until frost.

★ CUSHION BRONZE . Beautiful coppery bronze cushion. Color lightens with age.	1.80	15.00
CUSHION PINK . Flowers open to a deep, orchid-pink, then change to a light orchid with a creamy center, finally salmon-pink with a soft yellow center.	1.80	15.00
★ CUSHION POWDER PUFF . America's leading white cushion. Stubbornly hardy, a miniature snow-pile of clean ivory-white. Low, wide and handsome, about a foot tall and twice as broad. Early September.	1.80	15.00
★ CUSHION SANTA CLAUS . Deep, glowing red. Center gold tipped. The best red.	1.80	15.00
★ CUSHION YELLOW SUPREME . Fine spreading compact mounds of golden yellow pompons. Early and profuse.	1.80	15.00

CHRYSANTHEMUM MAXIMUM, Shasta Daisy.

Alaska . Large white flowers. June to August. 2 ft.	1.40	12.00
Diener's Double White . Recent development of full, shaggy double flowers of glistening white. Hardy, robust grower. Early. 2½ to 3 ft.	1.80	15.00
★ Diener's G. Marconi . New giant double, ever flowering	1.80	15.00
The Speaker . Enormous pure white flowers.	1.80	15.00
COREOPSIS, Tickseed		
Double Sunburst . Double flowers, golden-yellow. Blooms all summer. 20 to 30 in.	1.20	10.00
Mayfield Giant . Tall vigorous plants producing large individual flowers with broad petals, forming a perfect corolla, color is a beautiful shade of yellow.	1.20	10.00

PERENNIALS—Continued

DELPHINIUM MISCELLANEOUS VARIETIES

	Per 10	Per 100
BELLADONNA CLIVEDON BEAUTY. Beautiful sky-blue, from carefully selected strain to keep it absolutely true to type. Blooms in June and again in September. 4 to 5 feet.	\$ 1.40	\$ 12.00
BELLAMOSA IMPROVED. A reselected strain of the standard deep blue.	1.40	12.00

DIANTHUS NEW CARNATIONS

	Per 10	Per 100
June Carmine. A beautiful shade of bright carmine pink with the spicy fragrance of the old clove pinks. It has carnation like foliage. The flowers are fully double, on 12 to 15 inch stems.	\$ 2.90	\$ 25.00
★ Her Majesty. Large compact, carnation flowered glistening, white. Flower spikes to 14 inches on stately perfectly formed, silver foliage plants.	2.40	20.00
Wallace Red. Bright red semi-double blossoms only 8 inches high. At best June-July and September-October, but scatters bloom in between. Foliage a clean rich green. Charming in rock garden or as edging, best in sun. Dependably hardy.	2.40	20.00

DIANTHUS GRENADIN CAROPHYLLUS

This is the hardiest of all outdoor carnations. Very fragrant, fully double producing large flowers on long stems. The finest of all varieties.

	Per 10	Per 100
Golden Sun. Early flowering, very double, large clear yellow flowers.	\$ 1.80	\$ 15.00
Rose Queen Triumph. Deep delicate pink.	1.80	15.00
King of Blacks. Deep maroon. Almost black.	1.80	15.00
Scarlet. Rich scarlet. Extra large flowering.	1.80	15.00
White. Clear white. Complete double. Extra fragrant.	1.80	15.00

DIANTHUS HEDDEWIGI
(Japanese Pinks)

Fireball, very double deep scarlet, splendid.	2.10	18.00
Hybrid, double large flowers choice mixed.	1.80	15.00

DIANTHUS PLUMARIS HARDY GARDEN PINKS

★ Scoticus Double. Special strain. Self colors of various tints of pink, rose, salmon and white and the same colors in combination with a bright crimson zone. Stems 12 to 15 inches. Blooms 1½ to 2 inches. Free flowering.	1.80	15.00
Semperflorens. (Perpetual Flowering). Separate colors, rose or pink. Blooms all summer. 18 in.	1.40	12.00
★ WINTERI (New) The most beautiful pink grown. Its large dollar-size single flowers are borne in great abundance on good, long stems, in the most delightful pure colors and each flower has a beautiful carmine ring in the center. 12-18 inches. May-June. Excellent for cutting. Exceeds all other Pinks in beauty and value.	2.10	18.00
DIANTHUS Latifolius, Atrococcineous, Fl. Pl. Everblooming Oriental Sweet William. Fiery crimson. Blooms all summer. 18 in.	1.40	12.00

DIANTHUS

Barbatus, Old Fashioned Sweet Williams.

This is the Old Fashioned Sweet William, bearing flowers in great profusion in May and June. Excellent for cutting. We offer these in the following varieties.

Nigricans. Very dark crimson flowers bronzy foliage.	1.40	12.00
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PERENNIALS—Continued

DIANTHUS—Continued

	Per 10	Per 100
Purple Beauty. Bright deep purple.	\$ 1.40	\$ 12.00
Splendens Pink Beauty. 18 inches.	1.40	12.00
White Beauty. 18 inches.	1.40	12.00

DICENTRA

	Per 10	Per 100
EXIMA (Fern Leaved Bleeding Heart.) Rose colored flowers produced all summer. 12 inches.	\$ 2.10	\$ 18.00

SPECTABILIS (Old Fashioned Bleeding Heart.) Graceful heart-shaped flowers, rose pink. May-June. 1 to 2 feet. 3 to 5 eye plants.	4.50	40.00
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EUPATORIUM COELESTINUM.

A pretty hardy plant with light purple-blue flowers similar to the Ageratum. In flower from August until frost. 12-24 inches. Good cut flower.	1.80	15.00
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EUPHORBIA.

★Polychroma. Its unusual combination of flowers and foliage, afterwards its beautifully colored seeds, does not escape anyone's attention. It make a beautiful formal plant, growing about 1 ft. high, forming a hemispherical clump covered with lemon-yellow, rose shaped, flowers in May and June.	1.80	15.00
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FERNS, Hardy Outdoor (RG).	1.40	12.00
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Goldie's Wood. (Aspidium). Evergreen Variety. 2 ft.

Interrupted (Osmunda Claytoniana.) Found in rather dry, shaded places. Does well under cultivation and in boxes. 3 ft.

Maiden Hair (Spleenwort Asplenium Tricomane). Most attractive of our Native Ferns. Black stems with delicate green fronds. Likes moist spots. 2 ft.

Ostrich Plume (Onoclea Struthiopteris). Very graceful with finely cut pinnules. 2 to 3 ft.

GAILLARDIA, Blanket Flower (RG)

Burgundy. Shining deep wine red showing practically no yellow.	1.80	15.00
Dazzler. Large golden yellow and maroon flowers on strong wiry stems, 14 to 18 inches in length.	1.40	12.00
Sun God. Good sturdy growing type, producing magnificent yellow flowers. In bloom from the 20th of August until frost. Very desirable as cut flowers. Height 18 inches.	2.10	18.00

GYPSOPHILA, Baby's Breath.

★Bristol Fairy. Wonderful, new double white flowers, in which the individual blossom is much larger. Highly prized for cutting. Flowers continuously through the summer. 2 ft.	4.00	35.00
Paniculata Compacta. Pinkish white. July. 2 ft.	1.20	10.00
★Rosy Veil. Produces quantities of blossoms of soft delightful pink. Spreading plant about 1½ ft. in height, flowering very freely in July and more or less throughout the summer. Excellent for cutting.	2.10	18.00
Snow White Double. Pure white double strain, 2 ft.	1.80	15.00

PERENNIALS—Continued

HEMEROCALLIS

Two species of Hemerocallis have been widely known to nurserymen for generations. Flava, the Lemon Lily; and Fulva Europa. In recent years progress has been made in hybridizing, so that today we can offer a collection of Hemerocallis which will bloom from Spring to Fall with a variation of colors. Their hardiness and attractive foliage make it possible to use them effectively in locations unsuited to the other perennials.

We are growing the following varieties which we can recommend as superior for general planting.

	Per 10	Per 100
Apricot. Blooms early June. Medium size blooms of light, apricot orange. Very free bloomer.	\$ 1.80	\$ 15.00
August Pioneer. Profuse bloomer, one of the late blooming Multiflora hybrids flowering from mid-August to mid-September. Miniature flowers of chrome-orange with the outer half of the petals flushed red. Very valuable for its late season of bloom. 42 inches.	1.80	15.00
High Boy. Large, pale yellow flowers on tall graceful stems. August. 5 feet.	1.80	15.00
Gold Dust. Early flowering variety. Blooms May-June. Bright yellow flowers. Stems 30 in.	1.80	15.00
Margaret Perry. The forerunner of a new race of Hybrids. Carnelian red flowers with a bright yellow star at the throat, which continues out to the tip of each petal in the form of a conspicuous narrow yellow stripe. July, August and September. 50 in.	2.10	18.00
Mikado. Rich orange with a large spot of mahogany red in each petal. 5 inches in diameter. Striking and unusual. Usually blooms a second time. The outstanding charm of this remarkable Day Lily is due to the bold color contrasts and perfection of form. Flowers during June and July. 3 feet.	1.80	15.00
Ophir. Deep, golden-yellow. 5 inches across. 25-30 on one stem. One of the finest of all varieties. Blooms July and August.	2.10	18.00
Rajah. 48 inches. A gorgeous new introduction by Dr. Stout in a brilliant flame scarlet, with a vivid triangular throat area of Brazil red. Large beautifully shaped brilliantly colored flowers of perfect form; very freely produced. July-August.	1.40	12.00

OLD FASHIONED KITCHEN HERBS

	Per 10	Per 100
Chives, Wild Onion. Finely chopped leaves give a delicious flavors to salads.	\$ 1.20	\$ 10.00
Horseradish. A condiment used in seasoning meats.		
3 inch cuttings. ....	.40	3.50
Crowns. ....	.70	6.50
Sage, Old Fashioned. Used for seasoning sausages and dressing.	1.20	10.00

HYDRANGEA.

Blue Prince. Large blue flowers. Blooms July and August. Only semi-hardy, needs winter protection. In order to get the blue color, one must mix in the soil about 1 Tablespoon per plant of aluminum sulphate.		
2 year dormant stock.	6.00	50.00

IRIS

Iris Kaempferi

Mixed Colors	Per 10	Per 100
Both single and double varieties. Splendid mixture of the choicest Japanese varieties.	\$ 1.80	\$ 15.00

Iris Vesper

Dichotomah (August or Vesper Iris.) Fragrant flowers on tall branching sprays. From July to September. Cream to violet-purple markings of various colors.	1.40	12.00
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PERENNIALS—Continued

	Per 10	Per 100
LATHYRUS LATIFOLIUS, Perennial or Everlasting Pea.		
This lovely trailing plant blooms all summer. In separate colors. Crimson King. Rose Queen. White Queen.....	\$ 1.40	\$ 12.00
★ LIATRIS, Blazing Star or Gay Feather.		
Elegans. A beautiful and distinct species. Each individual blossom is large and starry, pure lavender with white centers, long curved stamens giving airy effect.....	1.40	12.00
Scariosa Avalon Purple. Blazing feathers—torches of great tassel — blossoms in pulsating purple violet. Splendid late blooming species.	1.40	12.00
Scariosa September Glory. A giant 5 foot spike solidly covered with purple flowers from top to bottom. The flowers unlike the common variety, come into bloom all at the same time. Late flowering. September.....	2.10	18.00
Scariosa White Spire. A magnificent pure white Gayfeather. Just as tall as September Glory from which this variety is a sport. Superb for a gold effect in the garden as well as a stunning flower for cutting.	2.10	18.00
Spicata. Long, dense columns of fluffy purple. Particularly good species, either for the mixed, hardy border, or for cutting.	1.40	12.00
LINUM, Hardy Flax.		
Flavum. A golden yellow flower. May to July. 12 inches.	1.40	12.00
Perenne Alba. White variety.	1.20	10.00
Perenne Blue. An attractive, bushy plant with pretty pale blue flowers during June and July.....	1.20	10.00
LYCHNIS, Champion (RG)		
Chalcedonica (Maltese Cross), vivid scarlet flowers. 36 inches. ...	1.40	12.00
LYTHRUM		
★ Prolific. An established plant will produce 20 or more upright flower spikes about 30 inches tall. The flowers are best described as Persian-rose, clearer in color than the other varieties. They are excellent for cutting. The plant thrives well in wet soil.....	2.10	18.00
★ The Beacon. A very showy variety, has neat long-lasting spikes of large clear, deep-carmine flowers, followed with side spikes almost to the ground. Interesting foliage, blooms from July till frost. 2 feet.	2.10	18.00
★ Rosalie. The lovely flowers are a captivating art shade of rose pink. The graceful flowers are closely set on 2 foot spikes, flowering down to the ground. Interesting foliage, blooms from July till frost. 2 feet.	2.10	18.00
OENOTHERA, Evening Primrose (RG)		
Makes continuous display of color in rock garden.		
Missourensis. Lovely yellow solitary flowers often 4 in. across Low grower, with prostrate ascending branches, profuse bloomer. June to August. 10 in.....	1.40	12.00
PACHYSANDRA TERMINALIS		
Ground covering plant, averaging 6-8 inches in height and branching freely into a dense mat. Practically evergreen. Splendid for steep slopes in the shade and for dense shade under any kind of tree. Well established 2 year, 3 inch pot plants.	2.10	18.00

PERENNIALS—Continued

PENTSTEMON, Beard Tongue, Hardy.	Per 10	Per 100
★ Pink Beauty. Color is a lovely clean shell-pink. A charming cut flower; one of the outstanding new and good plants. Flower spikes 30 in.	\$ 2.40	\$ 18.00
Rose Elf. An outstanding new hardy Pentstemon of the Barbatus type, produces masses of blooms on 2 or 3 feet stems. The color is a lovely coral pink. Blooms in June and July. .	2.90	25.00

PHLOX

PHLOX PANICULATA

For a good many years we have made a specialty of growing Phlox. These Phlox that we are offering are strong one year field grown plants. Shipment can be made any time after the 15th of October.

	Per 10	Per 100
Caroline Vandenberg. Large clear lavender blue clusters with big florets.	\$ 2.10	\$ 18.00
Chieftain. Here is a color in Phlox rarely seen—the color of a precious ruby. Good, strong flower trusses.	1.80	15.00
Daily Sketch. Large trusses of lustrous pink with crimson-rose eye. Very large, single florets measure 1½ inches across. 3½ feet.	1.80	15.00
E. J. Farrington. Salmon-pink with a deep rosy-red blush. Excellent for cutting. 24 inches.	1.80	15.00
Eva Forester. (Also Known as Salmon Beauty.) Giant bright salmon rose flowers with light centers. 10 inches tall.	1.80	15.00
Hauptman Koehl. Dark blood-red. Very large.	2.10	18.00
Leo Schalageter. Brilliant scarlet with orange cast. 36 inch.	1.80	15.00
Pinkette. The large florets are soft, delicate pink. This unusual coloring is heightened by the fact that the little narrow tubes which fasten the florets to the stem are clear, deep pink.	2.10	18.00
Prime Minister. Extra large florets of clean white with violet eye the best of the bi-colored whites.	1.80	15.00
Rosy Blue. Soft lavender-blue with delicate pink undertones. Never a sign of objectionable purple or violet tinting. The florets are large and grow in fine big clusters.	2.10	18.00
White Admiral. A lovely new white variety with huge trusses of bloom, medium height.	2.10	18.00

PHLOX SUBULATA, Moss or Mountain Pinks

An early spring flowering type with pretty mosslike, evergreen foliage, which during the flowering season, in April and May, is hidden under the masses of bloom. An excellent plant for the rockery, the border, are invaluable for carpeting the ground.

	Per 10	Per 100
Alba. Pure white flowers completely covering the neat compact plant in May; a lovely thing for the rock garden.	\$ 1.80	\$ 15.00
Atropurpurea. The same habit of growth as the well known Phlox Subulata Rosea. The flowers are deep carmine-red making a most brilliant display.	1.80	15.00
★ Blue Emerald Cushion. New blue, with mats of lovely emerald-green foliage.	2.10	18.00
★ Blue Hills. Of uniform compact growth, with showy pale blue flowers freely produced in spring and again in fall.	1.80	15.00

PERENNIALS—Continued**PHLOX—Continued**

Per 10 Per 100

PHLOX SUBULATA—Continued

Pink Emerald Cushion. A close compact foliage. Extremely floriferous, it has the longest blooming season in the family. Florets of unusual size, color a pure, unbleached pink.	\$ 2.10	\$ 18.00
Rosea. Rose-pink. Fine for covering banks, thrives in hot, dry situations, and blooms profusely.	1.80	15.00
Vivid. Bright pink with darker eye. 4 inch. May. Very lovely.	2.10	18.00

PLATYCODON, Balloon Flower (RG)

Double Blue. 3 in. blooms, about 95% true.	1.75	12.50
Grandiflora Rosea. Lovely new tall growing variety with pure rose-pink flowers.	1.80	15.00
Mariesi Blue. A beautiful dwarf species, with broad, thick foliage and large, deep violet-blue flowers on 12-inch stems in great profusion throughout the entire summer. Plant in front of the border or in the rock garden.	1.40	12.00
Mariesi White. White flowered form of the above.	1.40	12.00

ORIENTAL POPPIES

These named varieties of Oriental Poppies are grown from crowns. They have been transplanted, insuring a heavy plant with good root system.

Per 10 Per 100

FIELD MARSHALL VON-DER-GLOTZ —Extra large. One of the pleasing new whites, black blotch. Always in demand. 32 inches.	\$ 4.00	\$ 35.00
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WUNDERKIND —Considered the finest cerise-colored poppy, true begonia-rose. Strong grower with very large flowers on 33 to 35 inch stems.	4.00	35.00
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PYRETHRUM, Painted Daisy (RG)

Atrosanguinea. A fine strain of red shades, plants having been grown from seeds selected from red varieties.	1.70	14.00
Extra select double mixed. An attractive mixture.	1.70	14.00
Hybridum Roseum. Abundant bloomer. Wide range of colors pure white to deep crimson. June to October. Good cut flower. Interesting foliage. 18 inch.	1.70	14.00
★ James Kelway. Bright vermilion red with yellow center. Very Showy. Excellent cut flower.	1.70	14.00

SALVIA, Meadow Sage

Azurea Grandiflora. Azure colored large flowers. August to September. 5 feet.	1.40	12.00
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STATICE, Great Sea Lavender (RG) August

Latifolia. Blue. These plants have broad leathery leaves, producing candelabra-like heads. If cut in full bloom, make very valuable winter bouquets. 18 in.	1.80	15.00
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STOKESIA, Cornflower Aster.

Blue Danube. New, a very free blooming variety with large lavender blue flowers during early summer months. Compact, bushy growth with many blooms. 18 inches high.	2.40	20.00
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★ Blue Moon. Large and free flowering. Perfectly hardy. Vivid, blue disc-like flowers. Blooms throughout summer and autumn. Flowers five or six inches in diameter. 12 to 18 in. tall.	2.10	18.00
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PERENNIALS—Continued

		Per 10	Per 100
TRITOMA, Kniphofia, Red Hot Poker (RG)			
This perennial needs winter protection in Northern latitudes. Blooms from July to October. Color ranges from Orange to deep coral. This is an outstanding perennial.			
★ Gold Mine. Soft amber tinted gold is the color of this fine hybrid. The flower spikes are 30 in., 10 or more on one plant. Blooms from July to Sept. Its stateliness and coppery color effect makes it outstanding in the garden.			
		\$ 2.40	\$ 20.00
Pfitzeriana. This is the genuine Red Hot Poker. Rich orange-scarlet blooms on stems 3 feet high. Must be grown from divisions. August to October.			
		1.70	14.00
★ Primrose Beauty. The spotless primrose-yellow spikes are unique for their grace as well as their delightful color. The spikes are 30 inches tall, lending an unusual charm to the border. June-July.			
		2.40	20.00
★ VERBASUM PINK DOMINO			
The upright rugged and picturesque branching flower spikes reach a height of 3 feet or more. They are in bloom from June until September. The color is a soft rose-pink with delicate buff undertone.			
		1.80	15.00
VERBENA ROSE.			
Blooms from early spring until frost. Excellent ground cover needing a little protection through the winter.			
		1.40	12.00
VERONICA, Speedwell (RG)			
★ Crater Lake Blue. Long airy spikes like the blue spires of fairy-land. A sure touch of cool blue for the border. Plants grow 20 inches tall, do well in either full sun or partial shade.			
		2.10	18.00
VINCA MINOR			
Alba. A rare white flowered form. Excellent for ground cover.			
		1.80	15.00
Rubra Fl. Pl. A very strong growing type, carrying a heavy setting of foliage. The double and semi-double flowers are a striking mahogany red.			
		2.40	20.00
VIOLA, ODORATA, Sweet Violet (RG)			
★ Fry's Fragrant. An old English strain of perpetual flowering violets. Blooms early in the spring and again in the fall. Flowers extra large, deep purple and very fragrant, excellent for forcing.			
		1.40	12.00
★ Royal Robe. This glorious variety is a lustrous shade of deepest violet-blue. The blossoms are delicately fragrant and open out flat like a pansy or Viola. A few plants of this violet in the garden will serve to furnish quantities of bloom either during early winter or early spring.			
		1.80	15.00
YUCCA FILAMENTOSA			
Creamy yellow. 6 foot. This plant with its broad, sword-like evergreen foliage is indispensable in landscape work. It can be used either for lawn or rockery work and stands out among all other plants. June-July.			
1 year seedlings.			
		1.40	12.00
2 year transplants, heavy.			
		2.80	25.00

SPRING BULBS

CANNAS

Per 100 Per 1000

Our Cannas are all strong 3 to 5 eye divisions, properly matured and cured so as to give you the best possible results...\$ 8.00 \$ 75.00

PINK FLOWERS WITH GREEN FOLIAGE

★**City of Portland.** Large blooms in good sized clusters, medium rose-pink, strong stems well above the green foliage. One of the best pinks. In recent years some growers seem to be confused and are shipping Hungaria for City of Portland.

Hungaria. One of the finest pinks, green foliage. 4 ft. tall. Large heads of peach pink. Our choice of pink cannas.

Louise. Tall deep pink flower. Large green foliage.

RED FLOWERS WITH GREEN FOLIAGE.

Firebird. 4 ft. Green foliage. A deep red bloomer. So firm are glistening petals that they do not wilt in the brightest sun.

The President. 4 ft. tall. Glowing scarlet, blue-green foliage. Extra large trusses of brilliant color. The finest Red Canna of today. The foliage is entirely free from disease.

YELLOW FLOWERS WITH GREEN FOLIAGE.

Florence Vaughan. Medium. Flowers yellow with red spots on petals, and red throat. Green foliage.

Richard Wallace. Fine yellow variety. Large canary yellow flowers 4 to 5 inches in diameter. Green foliage. Medium height, 3 to 4 feet.

Yellow King Humbert. 5 ft. tall. Deep rich yellow, heavily spotted and flecked with deep red. Green foliage.

BRONZE FOLIAGE VARIETIES.

Red King Humbert. 5 ft. tall. The grandest Canna ever offered, a king in reality. The heart-shaped leaves are purple-madder over-bronze. The plants are crowned with immense heads of orchid-like velvety orange-scarlet, rose-tinted and blossoms incomparably beautiful.

Wyoming. 5 ft. Purple foliage. True-orchid flowering variety with magnificent orange colored flowers.

★Varieties Prices \$9.00 per 100; \$85.00 per 1000.

LILIES

Our production of Hardy Lilies has been increased considerably in the last few years. Most of our Lilies are grown here at Shenandoah. Sizes specified indicate circumference of bulb. All of our bulbs are flowering size.

Please note the specified delivery dates on various varieties.

Per 10 Per 100

ELEGANS ATROPURPUREUM. Deep red shaded crimson, large flowers. Splendid for bedding. Height 12 to 15 inches. Blooms in June. Plant 4 to 5 inches deep. Available after Nov. 1.
5 to 7 inches.....\$ 2.10 \$ 18.00

ESTATE. Large, fragrant pure white flowers. Blooms mid-summer. Medium height. Available after Nov. 1.
6 to 7 inches.....3.00 25.00

SPRING BULBS—Continued

LILIES—Continued

HENRYII. (The Golden Speciosum). Flowers Golden Yellow, 5 to 6 inches tall. Blooms in Aug. and Sept. Plant 8 to 10 inches deep. Available after Nov. 1.		
6 to 8 inches	\$ 2.40	\$ 20.00
REGALE. Our Regale Lilies are an improved type grown by seed selection, extra large white flowers suffused pink with creamy yellow throat. Very fragrant blooms in July. Planting depth 5 inches. Available after Oct. 15.		
5 to 6 inches	1.10	9.00
6 to 8 inches	1.50	12.00
SPECIOSUM RUBRUM. White back-ground, pink dots and shading of pink to carmine. Blooms in Sept. Grows 3 to 5 feet tall. Plant 6 to 8 inches deep. Available after Nov. 15.		
6 to 8 inches	2.90	25.00
TENUIFOLIUM. (Coral Lily.) Bright Cherry Red blossoms. Some times called the gayest of red Lilies. Height 12 to 24 inches. Blooms in June. Plant 4 to 5 inches deep. Available after Oct. 15.		
No. 1 flowering size	1.00	8.00
No. 2 flowering size .....	.70	6.00
TIGRINUM SPLENDENS FLORIBUNDA. (Double Tiger Lily). This is about the only Double Lily in existence. One of the easiest to grow. Most free blooming of any Lily in existence. Is very hardy. Should be in every garden. Height 3 to 5 feet. Blooming in Oct. and Sept. Plant 5 to 6 inches deep. Available after Oct. 15.		
5 to 6 inches	1.10	9.00
6 to 8 inches	1.50	12.00

MISCELLANEOUS BULBS

CALADIUM (Elephant Ear)		
	Per 10	Per 100
Esculentum. 7 to 9 inches	\$ 1.80	\$ 15.00
TUBEROSES (RG), Mexican. This is the best of all Tuberoses. Single flowering variety, very fragrant. Blooms July-August.		
No. 1 size .....	.80	7.50

BOXING CHARGES

30x30x14	\$8.50	24x24x14	\$7.50	20x20x8	\$4.50
30x30x12	8.00	24x24x12	7.00	20x20x7	3.75
30x30x10	7.00	24x24x10	6.00	20x20x6	3.50
30x30x8	6.00	24x24x8	5.50	20x20x5	3.25
30x30x7	5.25	24x24x7	4.75	20x20x4	3.00
30x30x6	5.00	24x24x6	4.50		
30x30x5	4.50	24x24x4	3.50	16x16x12	4.50
30x30x4	3.50	20x30x10	5.50	16x16x10	4.25
				16x16x8	4.00
24x30x12	7.00	20x20x12	5.50	16x16x6	3.50
24x30x10	6.50	20x20x10	5.00	16x16x5	3.00

CORRUGATED BOXES

No. 6 — 48x20x20	\$1.25	No. 8 — 36x16x20	\$.85
No. 11 — 32x15x1550	No. 42 — 78x20x20	2.75

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